Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090917\
Data File : BM011480.D
Acq On : 09 Sep 2017 10:58
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 11 08:52:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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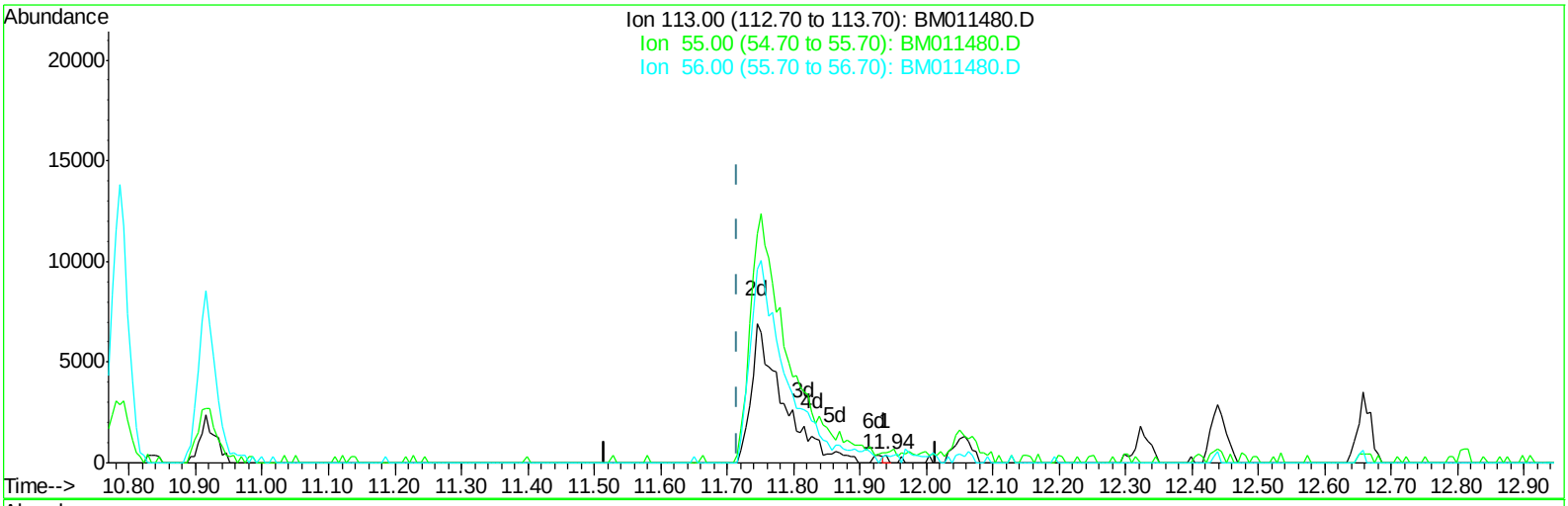

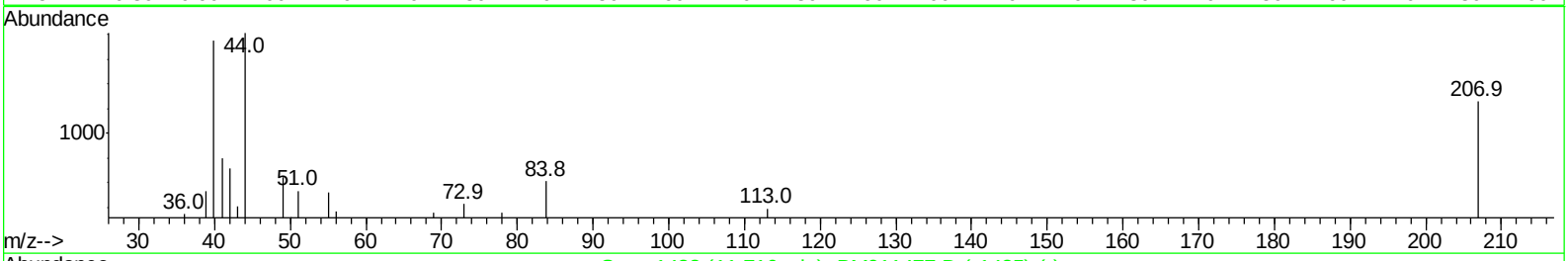

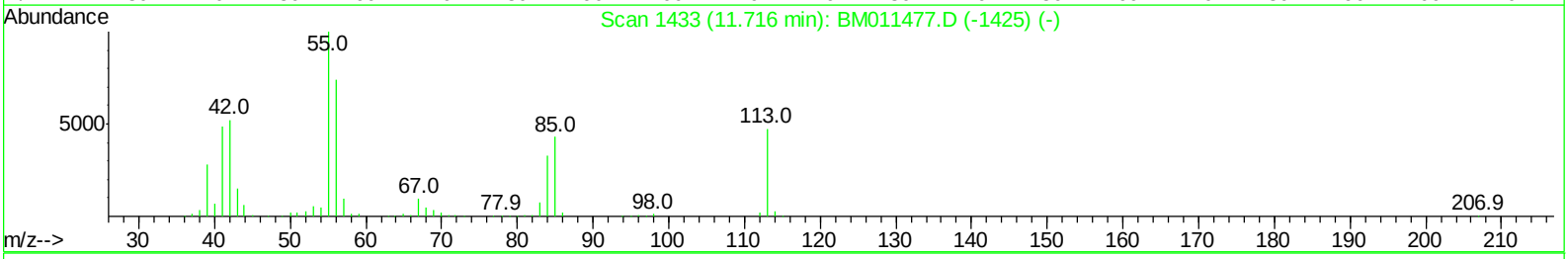

TIC: BM011480.D

(32) Caprolactam

11.939min (+0.223) 0.02ng/ul

response 138

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	134.62
56.00	115.90	93.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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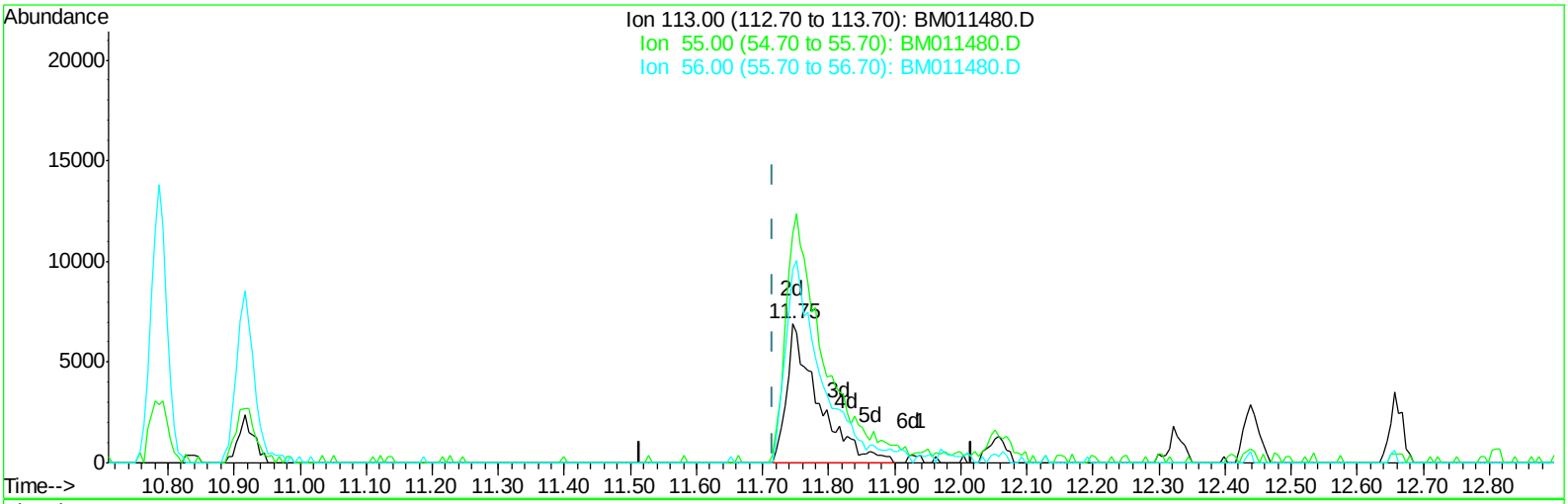

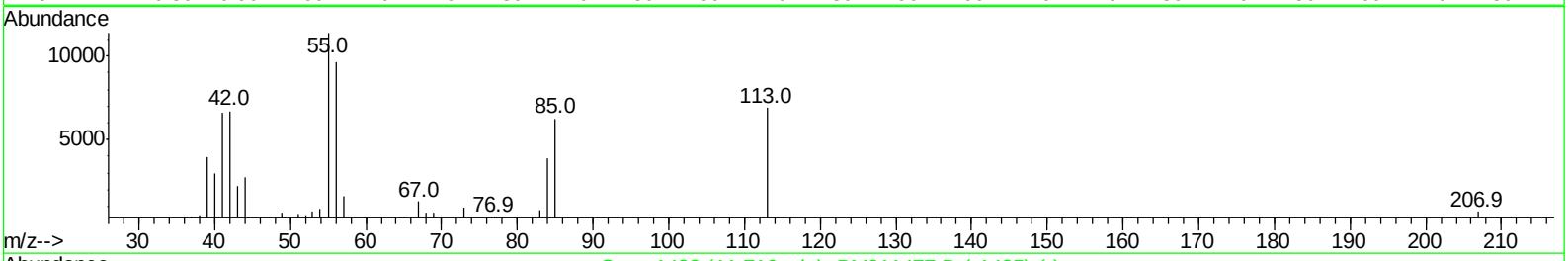

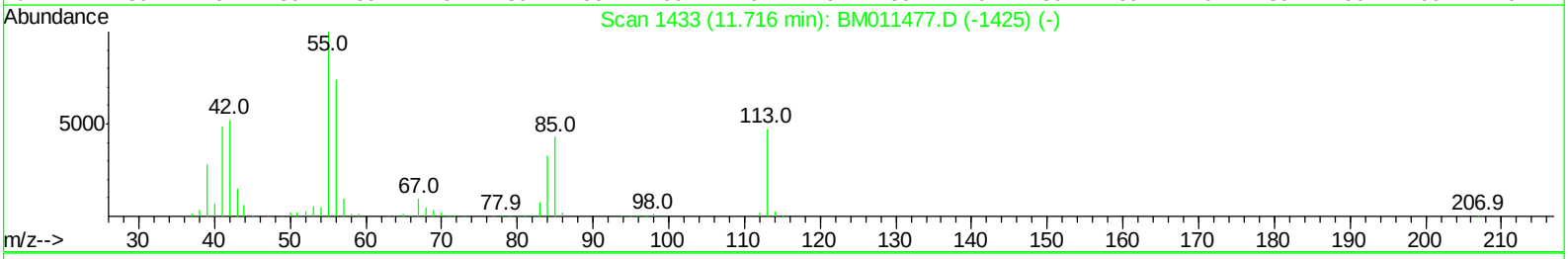

TIC: BM011480.D

(32) Caprolactam

11.745min (+0.029) 2.71ng/ul m

response 23315

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	165.44
56.00	115.90	139.69#
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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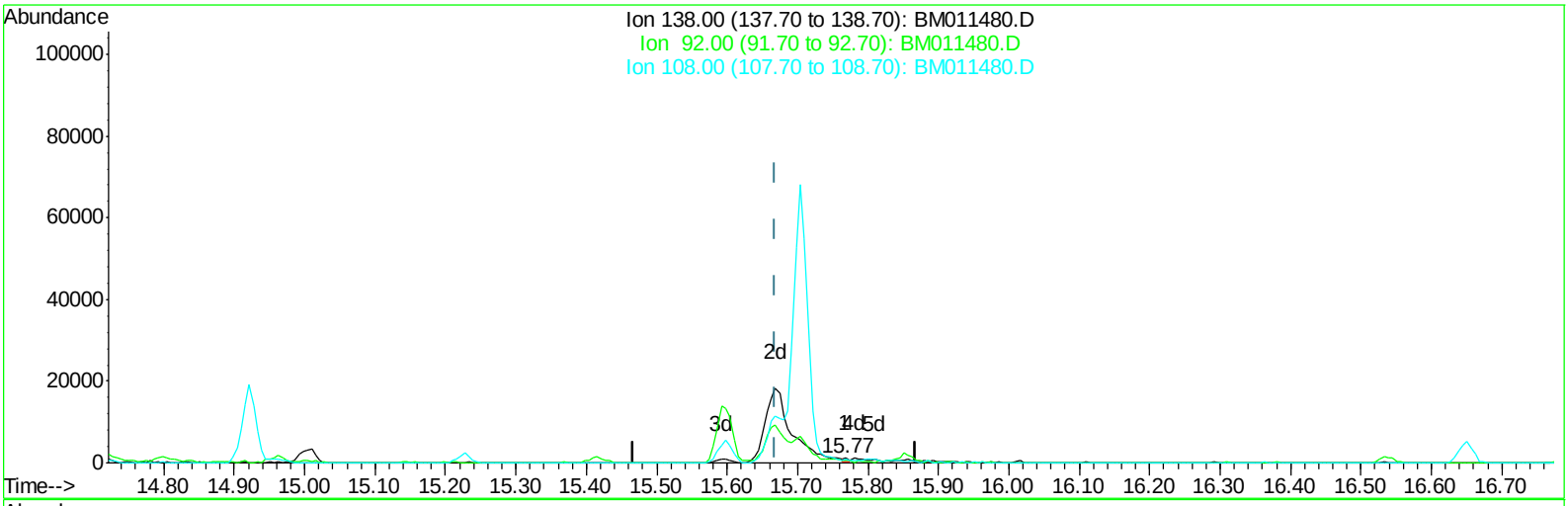

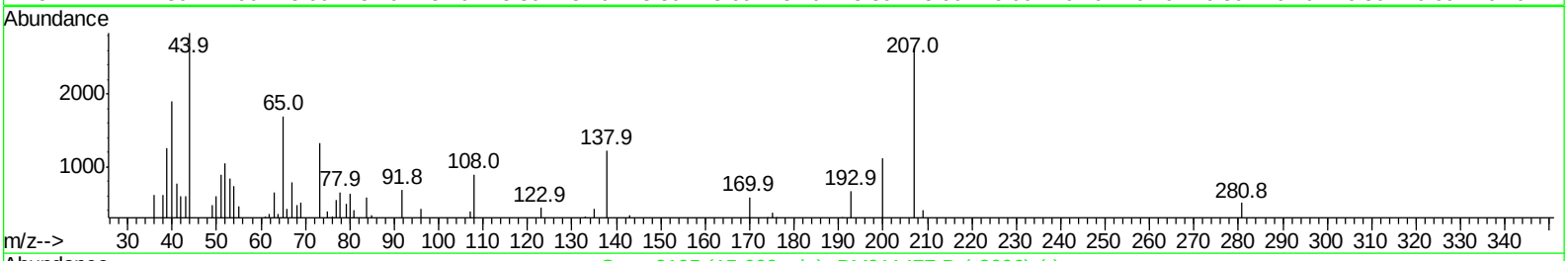

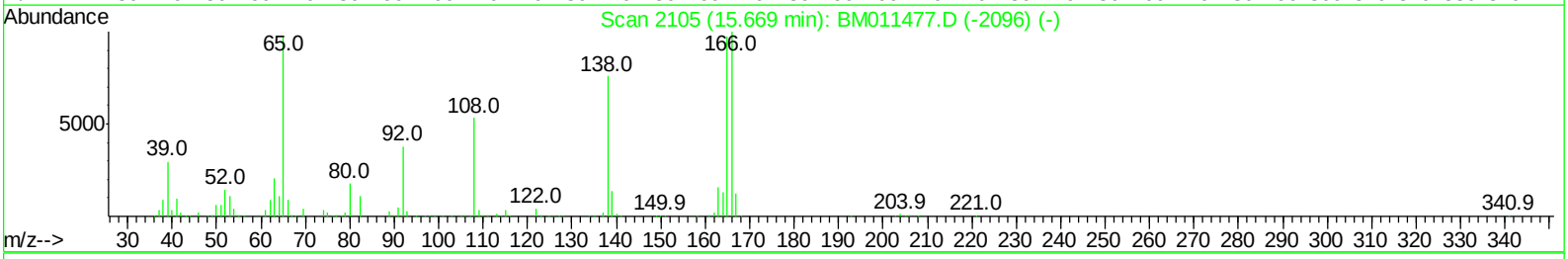

TIC: BM011480.D

(61) 4-Nitroaniline

15.768min (+0.100) 0.02ng/ul

response 474

Ion	Exp%	Act%
138.00	100	100
92.00	47.80	56.41
108.00	87.50	73.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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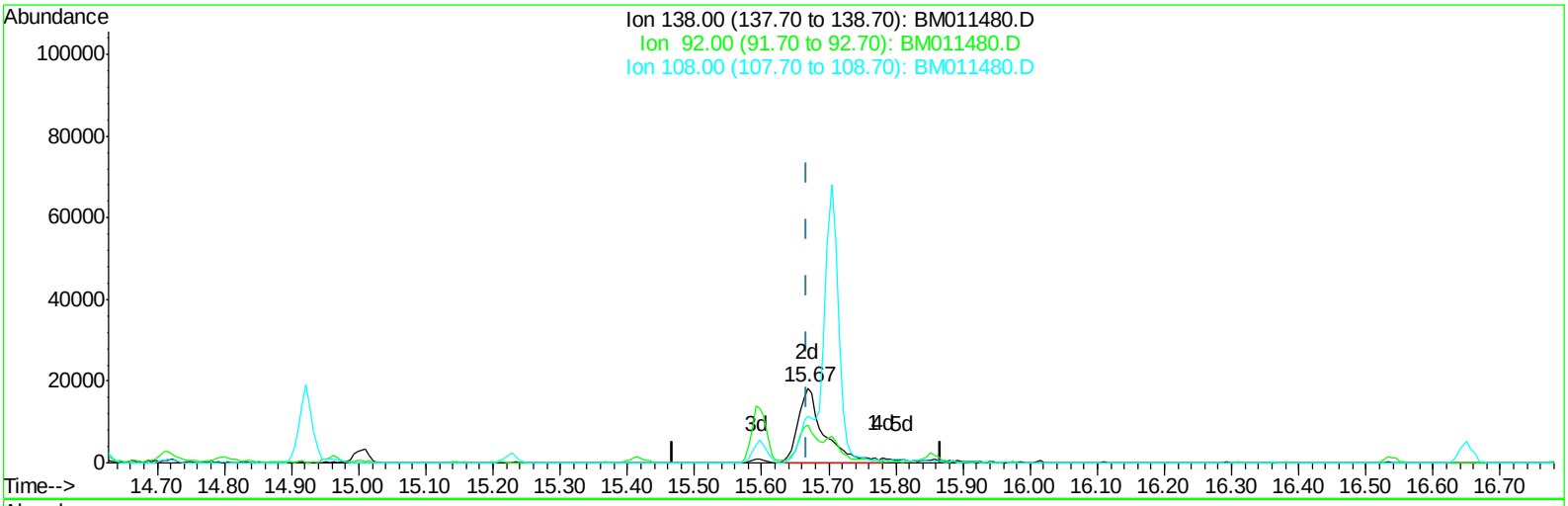

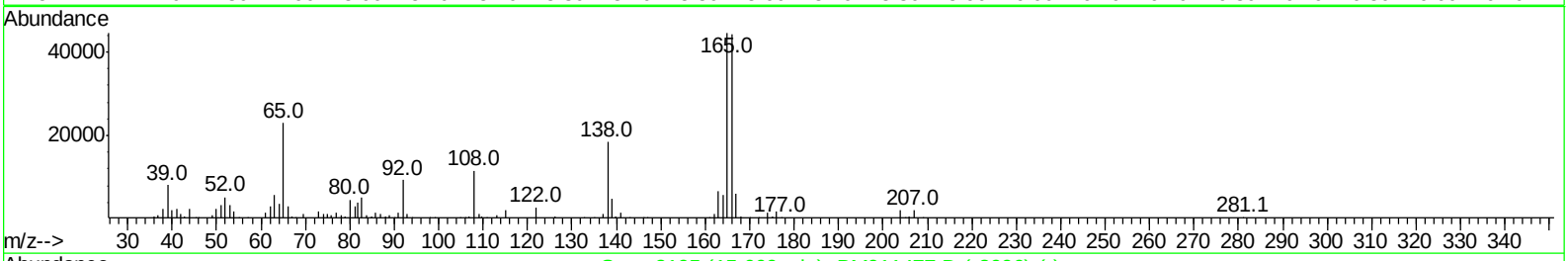

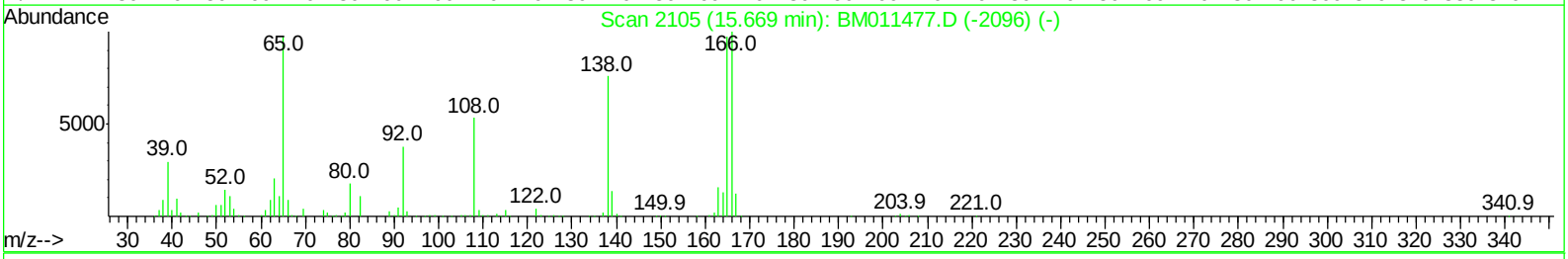

TIC: BM011480.D

(61) 4-Nitroaniline

15.668min (-0.000) 2.45ng/ul m

response 49347

Ion	Exp%	Act%
138.00	100	100
92.00	47.80	50.82
108.00	87.50	62.89#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Sep 2017 10:58
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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Quant Time: Sep 11 09:04:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	389847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1782129	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1067332	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2410407	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2873451	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2834015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	43473	5.02	ng/uL	0.00
5) Phenol-d5	7.13	99	1106989	29.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	809860	32.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	892024	31.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	899149	30.77	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	435307	32.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	449548	31.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	858106	30.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1258503	40.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2969812	32.91	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3568458	32.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	447180	26.37	ng/ul	0.00
58) Fluorene-d10	15.60	176	2503906	32.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	357156	25.46	ng/ul	0.00
71) Anthracene-d10	17.44	188	3902239	32.88	ng/ul	0.00
79) Pyrene-d10	19.73	212	4356396	32.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4481298	33.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	14243	1.499	ng/uL#	62
4) Benzaldehyde	7.12	77	40208	1.880	ng/ul	98
6) Phenol	7.15	94	114673	3.086	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.40	93	97580	3.336	ng/ul	89
10) 2-Chlorophenol	7.54	128	89961	3.269	ng/ul	95
11) 2-Methylphenol	8.41	108	80840	2.869	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.51	45	157008	3.311	ng/ul	95
14) Acetophenone	8.80	105	142873	3.198	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.78	70	74991	3.129	ng/ul#	80
16) 4-Methylphenol	8.74	108	94532	3.066	ng/ul	87
17) Hexachloroethane	9.06	117	33284	3.164	ng/ul#	78
20) Nitrobenzene	9.19	77	105801	3.326	ng/ul	95
21) Isophorone	9.71	82	198600	3.101	ng/ul#	97
23) 2-Nitrophenol	9.89	139	46277	3.132	ng/ul#	86
24) 2,4-Dimethylphenol	9.95	107	96363	3.048	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.19	93	131133	3.140	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	84871	3.109	ng/ul	93
28) Naphthalene	10.84	128	304452	3.294	ng/ul	98
30) 4-Chloroaniline	10.95	127	113905	3.837	ng/ul	97
31) Hexachlorobutadiene	11.12	225	51616	3.332	ng/ul	96
32) Caprolactam	11.75	113	23315m	2.713	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	81910	2.830	ng/ul	93
34) 2-Methylnaphthalene	12.44	142	216310	3.152	ng/ul	99

Quantitation Report (QT Reviewed)

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Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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9/11/2017 2:43:34 PM

Quant Time: Sep 11 09:04:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	213760	3.270 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	102400	3.234 ng/ul#	94
38) Hexachlorocyclopentadiene	12.78	237	39343	2.217 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.04	196	59059	2.740 ng/ul	94
40) 2,4,5-Trichlorophenol	13.12	196	60336	2.760 ng/ul	93
41) 1,1'-Biphenyl	13.45	154	282145	3.177 ng/ul#	95
42) 2-Chloronaphthalene	13.49	162	214267	3.206 ng/ul	98
43) 2-Nitroaniline	13.69	65	46927	2.261 ng/ul	88
45) Dimethylphthalate	14.06	163	283879	3.286 ng/ul	98
46) 2,6-Dinitrotoluene	14.18	165	39443	2.585 ng/ul	92
48) Acenaphthylene	14.33	152	362124	3.297 ng/ul	97
49) 3-Nitroaniline	14.51	138	37323	1.984 ng/ul	98
50) Acenaphthene	14.67	153	239117	3.222 ng/ul	100
51) 2,4-Dinitrophenol	14.72	184	16311	1.730 ng/ul#	50
53) 4-Nitrophenol	14.80	109	31465	2.887 ng/ul#	33
54) Dibenzofuran	15.00	168	338666	3.262 ng/ul	96
55) 2,4-Dinitrotoluene	14.96	165	59388	2.648 ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.23	232	54299	2.726 ng/ul#	85
57) Diethylphthalate	15.42	149	276767	3.078 ng/ul	96
59) Fluorene	15.65	166	286720	3.296 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.64	204	131971	3.237 ng/ul	92
61) 4-Nitroaniline	15.67	138	49347m	2.449 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.72	198	39826	2.771 ng/ul#	77
65) N-Nitrosodiphenylamine	15.86	169	228174	3.108 ng/ul	96
66) 4-Bromophenyl-phenylether	16.54	248	76217	3.096 ng/ul	98
67) Hexachlorobenzene	16.65	284	86327	3.185 ng/ul#	89
68) Atrazine	16.80	200	65823	2.587 ng/ul	97
69) Pentachlorophenol	16.99	266	39970	2.297 ng/ul	96
70) Phenanthrene	17.39	178	444319	3.307 ng/ul	99
72) Anthracene	17.48	178	455038	3.301 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	103724	3.229 ng/uL	98
74) Pentachlorobenzene	14.92	250	107141	3.289 ng/uL	99
75) Carbazole	17.75	167	371281	3.157 ng/ul	99
76) Di-n-butylphthalate	18.30	149	441438	2.857 ng/ul	98
77) Fluoranthene	19.39	202	483398	3.498 ng/ul#	87
80) Pyrene	19.76	202	568415	3.390 ng/ul#	86
81) Butylbenzylphthalate	20.64	149	183914	2.385 ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.43	252	133119	2.551 ng/ul	99
83) Benzo(a)anthracene	21.49	228	517665	3.272 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	289568	2.446 ng/ul#	97
85) Chrysene	21.54	228	482629	3.365 ng/ul	98
87) Di-n-octyl phthalate	22.32	149	510181	2.537 ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	517396	3.035 ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	497146	3.036 ng/ul#	96
91) Benzo(a)pyrene	23.78	252	519800	3.230 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	566781	3.202 ng/ul#	87
93) Dibenzo(a,h)anthracene	26.33	278	476976	3.178 ng/ul#	92
94) Benzo(g,h,i)perylene	27.06	276	479624	3.346 ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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