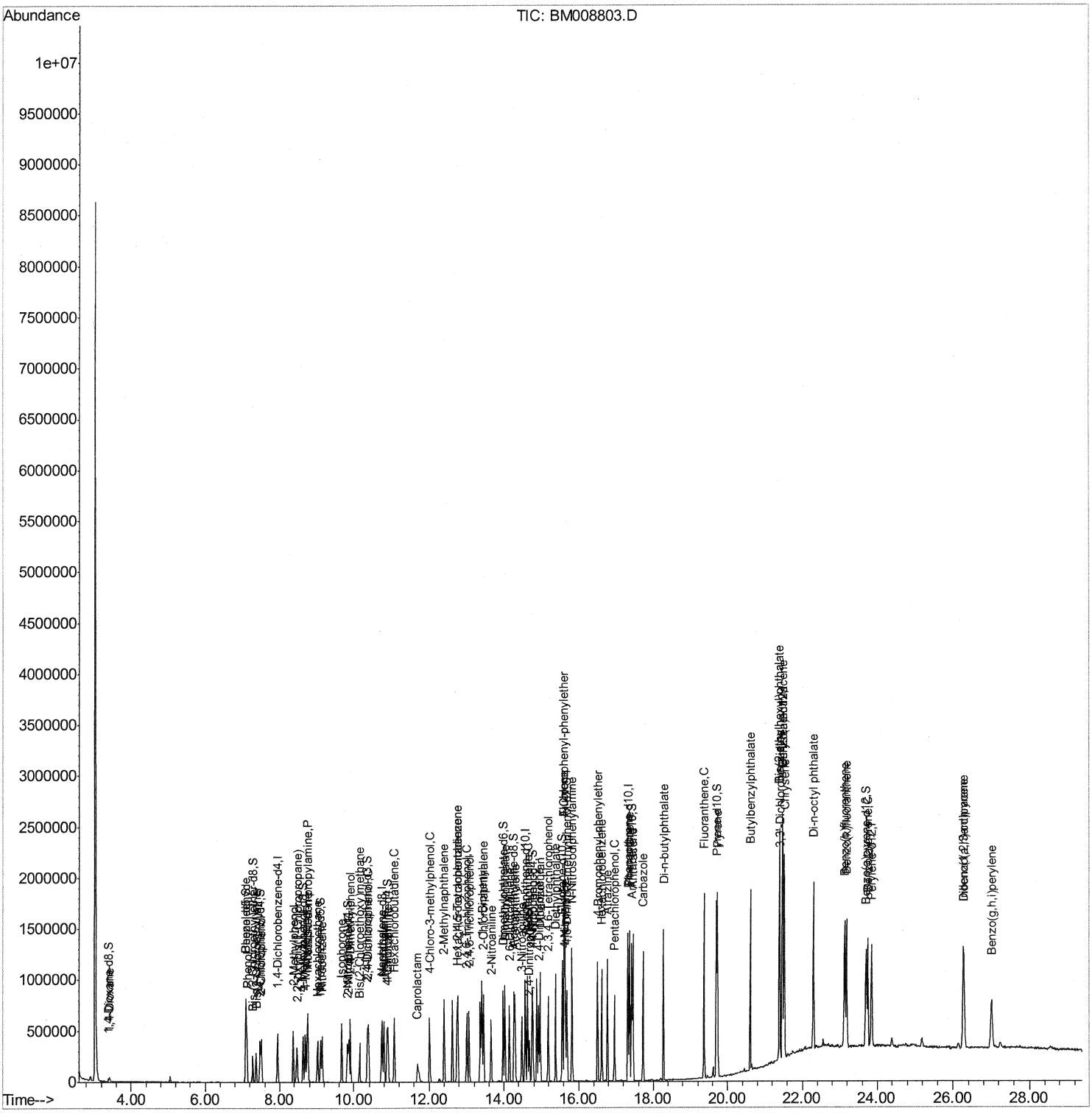
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012317\
Data File : BM008803.D
Acq On : 23 Jan 2017 14:16
Operator : UM/SJ
Sample : SSTD02037
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 23 15:39:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 15:32:26 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:05 PM



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Data File : BM008803.D
Acq On : 23 Jan 2017 14:16
Operator : UM/SJ
Sample : SSTD02037
Misc :
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Quant Time: Jan 23 15:37:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 15:32:26 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
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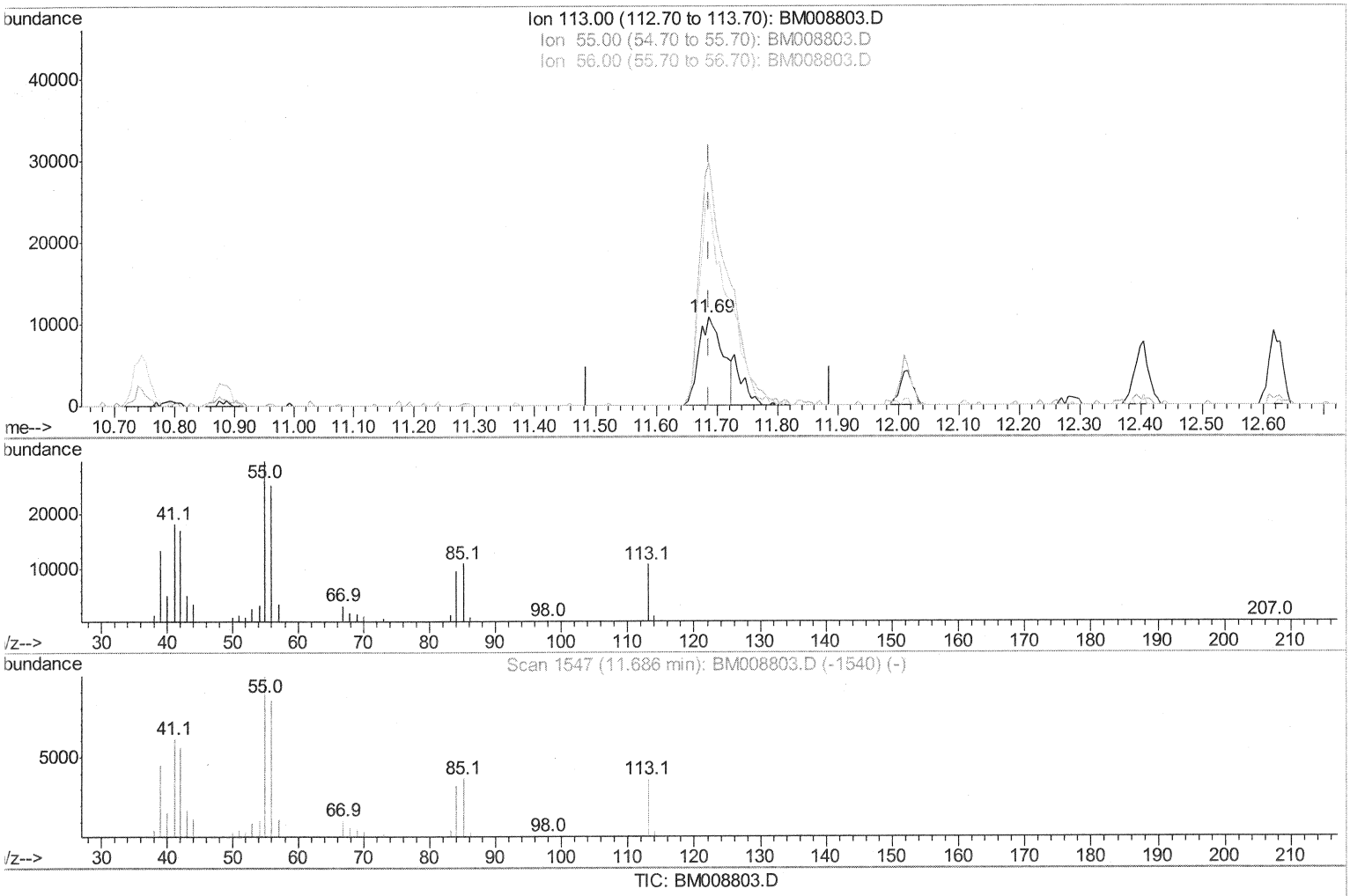

TIC: BM008803.D

(32) Caprolactam

11.686min (0.000) 18.45ng/ul

response 29302

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	276.45#
56.00	122.10	235.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012317\
Data File : BM008803.D
Acq On : 23 Jan 2017 14:16
Operator : UM/SJ
Sample : SSTD02037
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 23 15:37:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
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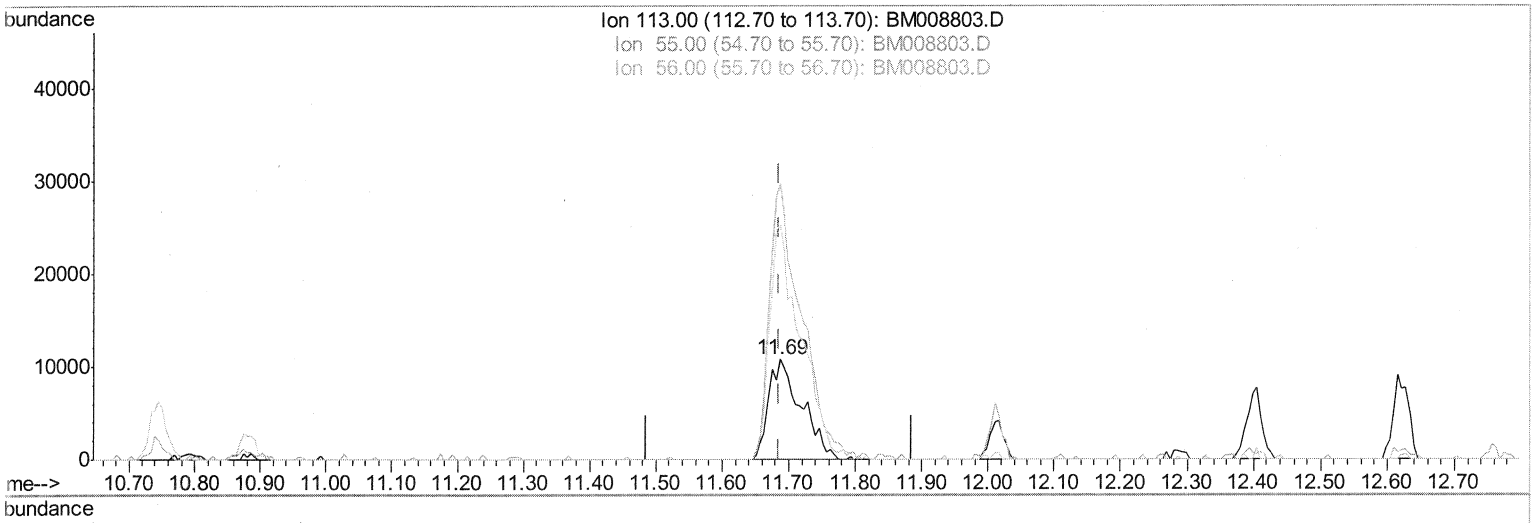
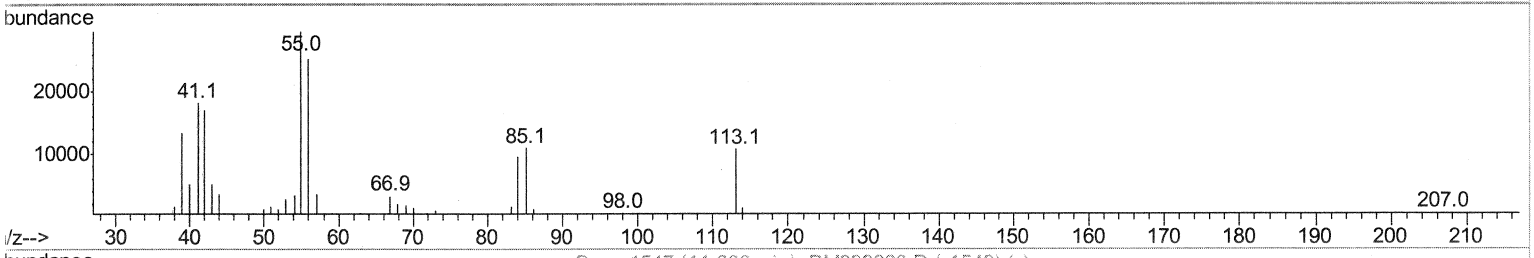
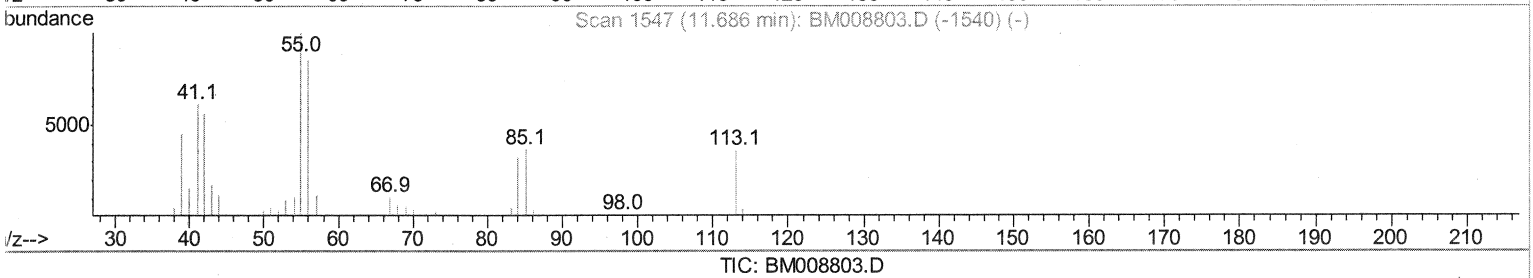
Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:05 PM







TIC: BM008803.D

(32) Caprolactam

11.686min (0.000) 23.10ng/ul m SJ 1/27/17

response 36680

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	276.45#
56.00	122.10	235.57#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012317\
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Sample : SSTD02037
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument : BNA_M
ClientSampleId : SSTD02037

Manual Integrations APPROVED
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1/24/2017 5:17:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	79976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	339293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	309399	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	737856	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	903637	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	718414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	12605	7.28	ng/uL	0.00
5) Phenol-d5	7.09	99	139371	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	112833	25.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	90235	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	110718	21.73	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	45571	21.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	55848	24.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	121871	23.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	134218	23.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	421272	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	496615	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	70915	21.24	ng/ul	0.00
57) Fluorene-d10	15.57	176	407504	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	83993	22.08	ng/ul	0.00
70) Anthracene-d10	17.42	188	675507	21.25	ng/ul	0.00
76) Pyrene-d10	19.70	212	825676	20.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	643645	21.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	16607	8.07	ng/uL#	51
4) Benzaldehyde	7.09	77	135486	28.30	ng/ul#	76
6) Phenol	7.12	94	148660	21.06	ng/ul#	51
8) Bis(2-Chloroethyl)ether	7.36	93	117581	22.71	ng/ul#	73
10) 2-Chlorophenol	7.50	128	95818	20.44	ng/ul#	68
11) 2-Methylphenol	8.37	108	107023	20.63	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.47	45	222036	27.72	ng/ul#	89
14) Acetophenone	8.76	105	196282	21.92	ng/ul#	59
15) N-Nitroso-di-n-propylamine	8.75	70	132211	26.01	ng/ul#	65
16) 4-Methylphenol	8.70	108	117775	21.03	ng/ul	90
17) Hexachloroethane	9.02	117	56552	22.76	ng/ul#	91
20) Nitrobenzene	9.15	77	205964	27.71	ng/ul#	78
21) Isophorone	9.67	82	333622	25.38	ng/ul#	88
23) 2-Nitrophenol	9.86	139	58057	23.85	ng/ul#	14
24) 2,4-Dimethylphenol	9.90	107	172037	24.95	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.15	93	167429	24.07	ng/ul	98
27) 2,4-Dichlorophenol	10.39	162	118788	22.90	ng/ul	96
28) Naphthalene	10.79	128	335532	21.64	ng/ul	99
30) 4-Chloroaniline	10.90	127	134335	22.58	ng/ul	97
31) Hexachlorobutadiene	11.07	225	114613	24.64	ng/ul	95
32) Caprolactam	11.69	113	36680m	23.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.01	107	148258	23.78	ng/ul	90
34) 2-Methylnaphthalene	12.40	142	277197	23.06	ng/ul	93

SJ 1/27/17

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Manual Integrations APPROVED
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1/24/2017 5:17:05 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	192282	20.74 ng/ul#	94
37) Hexachlorocyclopentadiene	12.74	237	142739	21.64 ng/ul	97
38) 2,4,6-Trichlorophenol	13.00	196	117666	21.01 ng/ul	99
39) 2,4,5-Trichlorophenol	13.07	196	126628	20.98 ng/ul	97
40) 1,1'-Biphenyl	13.41	154	393684	20.29 ng/ul	98
41) 2-Chloronaphthalene	13.45	162	301517	19.80 ng/ul	95
42) 2-Nitroaniline	13.66	65	156463	29.53 ng/ul#	68
44) Dimethylphthalate	14.03	163	424510	20.80 ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	81742	22.95 ng/ul#	49
47) Acenaphthylene	14.30	152	465677	19.72 ng/ul	98
48) 3-Nitroaniline	14.48	138	82603	22.89 ng/ul#	73
49) Acenaphthene	14.64	153	334584	20.49 ng/ul	94
50) 2,4-Dinitrophenol	14.69	184	54233	21.92 ng/ul#	49
52) 4-Nitrophenol	14.77	109	145255	26.15 ng/ul#	69
53) Dibenzofuran	14.97	168	529929	21.33 ng/ul	89
54) 2,4-Dinitrotoluene	14.93	165	126550	23.45 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.19	232	132750	23.27 ng/ul	92
56) Diethylphthalate	15.39	149	461921	21.52 ng/ul	98
58) Fluorene	15.62	166	442580	21.73 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.62	204	253648	21.96 ng/ul	96
60) 4-Nitroaniline	15.64	138	88174	22.36 ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.69	198	89111	22.16 ng/ul#	69
64) N-Nitrosodiphenylamine	15.83	169	383679	20.71 ng/ul	96
65) 4-Bromophenyl-phenylether	16.51	248	168381	22.03 ng/ul#	89
66) Hexachlorobenzene	16.62	284	180158	21.06 ng/ul#	87
67) Atrazine	16.77	200	179691	21.84 ng/ul	95
68) Pentachlorophenol	16.96	266	114084	21.20 ng/ul	91
69) Phenanthrene	17.36	178	759869	21.40 ng/ul	99
71) Anthracene	17.45	178	790359	21.65 ng/ul	96
72) Carbazole	17.72	167	676789	20.83 ng/ul	98
73) Di-n-butylphthalate	18.27	149	833821	21.84 ng/ul#	96
74) Fluoranthene	19.37	202	978404	21.42 ng/ul#	96
77) Pyrene	19.73	202	995871	20.49 ng/ul#	94
78) Butylbenzylphthalate	20.62	149	380677	21.29 ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.40	252	375168	21.78 ng/ul	97
80) Benzo(a)anthracene	21.47	228	1016691	21.22 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.39	149	527725	21.09 ng/ul	97
82) Chrysene	21.52	228	949782	21.36 ng/ul	99
84) Di-n-octyl phthalate	22.30	149	839355	22.44 ng/ul#	81
85) Benzo(b)fluoranthene	23.13	252	915345	23.90 ng/ul#	95
86) Benzo(k)fluoranthene	23.18	252	846525	22.87 ng/ul#	97
88) Benzo(a)pyrene	23.74	252	814431	22.29 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.27	276	787290	19.01 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.28	278	681184	19.24 ng/ul#	93
91) Benzo(g,h,i)perylene	27.02	276	645827	18.38 ng/ul#	93

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