Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_M\DATA\BM090519\
Data File : BM022542.D
Acq On : 06 Sep 2019 04:59
Operator : HP/JU
Sample : MDL-W-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 06 06:24:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

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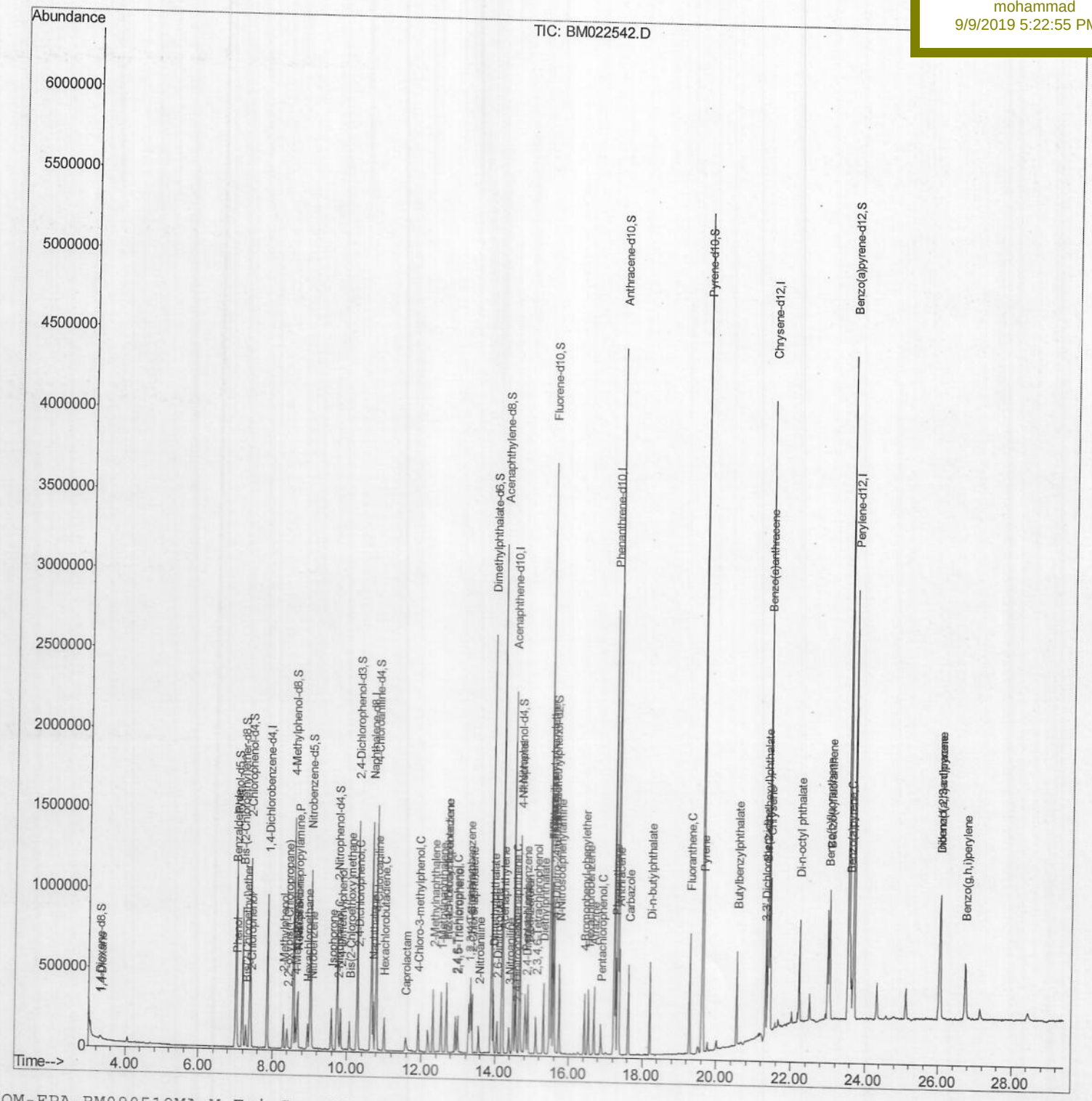

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Instrument :
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ClientSampleId :
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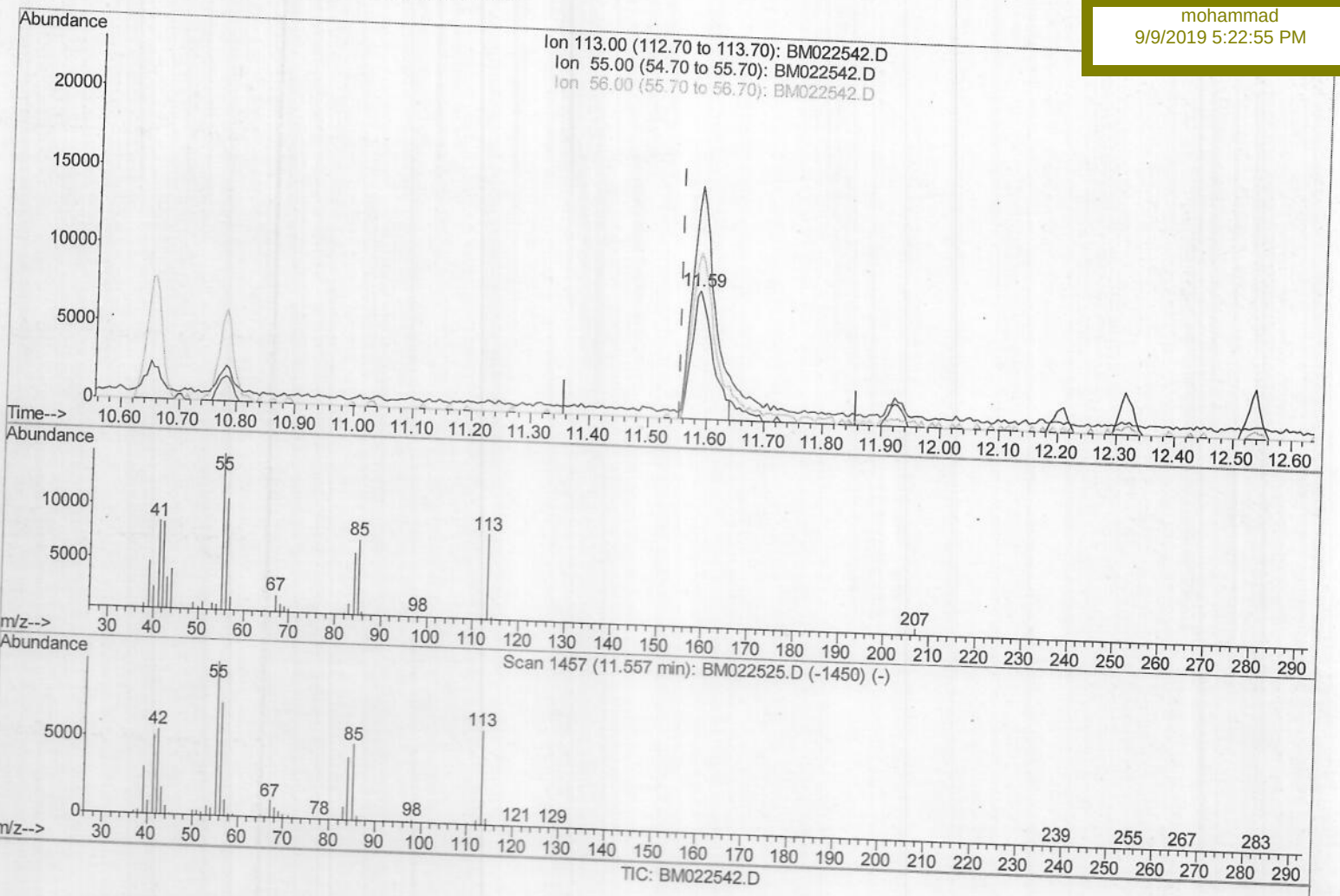

TIC: BM022542.D

(32) Caprolactam

11.586min (+0.029) 2.96ng/ul

response 20566

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	179.62
56.00	123.00	129.40
0.00	0.00	0.00

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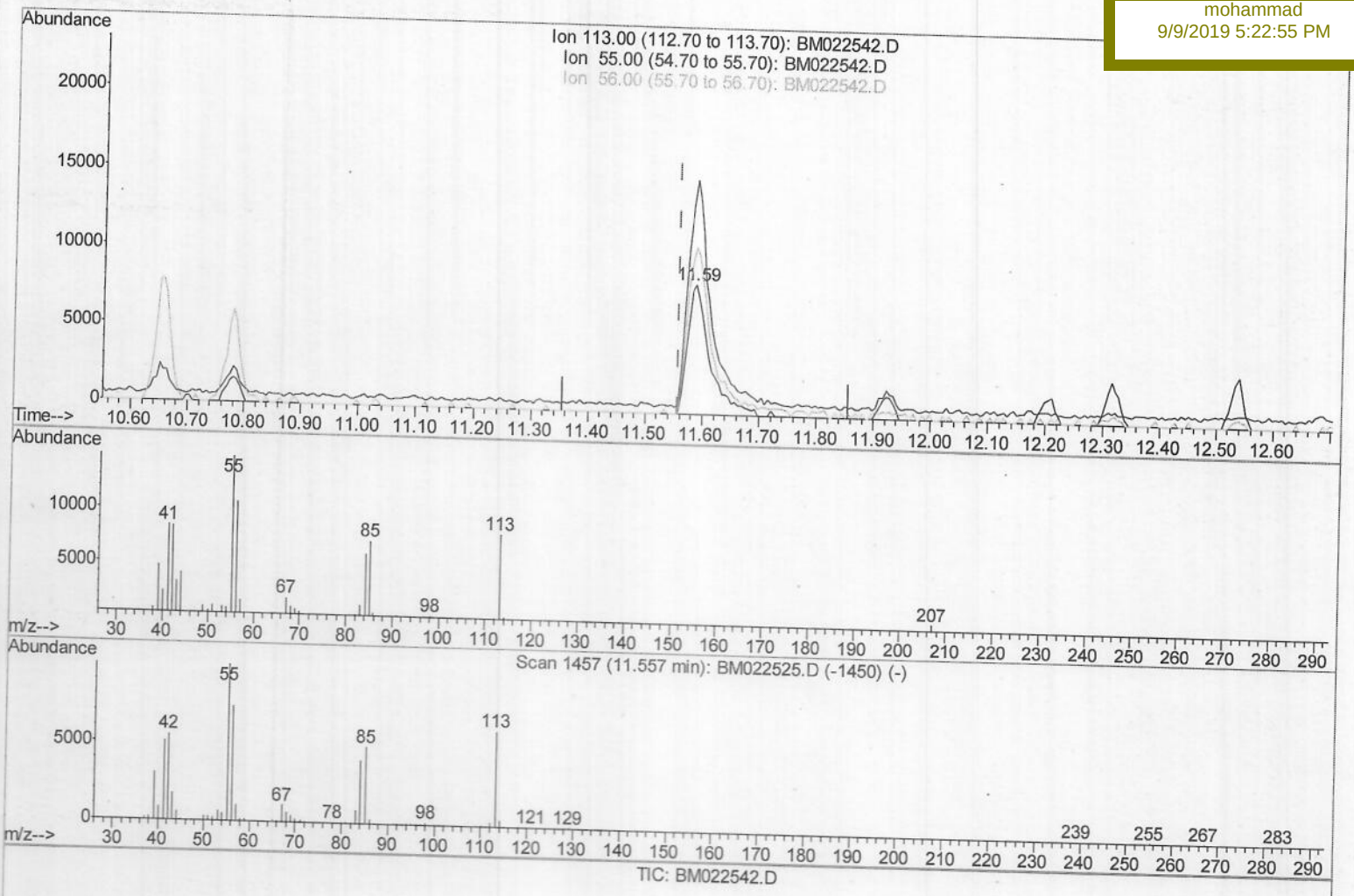

TIC: BM022542.D

(32) Caprolactam

11.586min (+0.029) 3.25ng/ul m JU 09/14/19

response 22536

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	179.62
56.00	123.00	129.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	249279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1117933	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	723204	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1516689	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1598537	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1890325	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10627	1.78	ng/uL	0.00
5) Phenol-d5	7.02	99	647294	28.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	401175	30.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	515620	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	526689	28.17	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	249017	30.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	233404	31.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	505394	26.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	758861	30.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1727621	29.48	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	2151597	30.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	285982	28.57	ng/ul	0.00
58) Fluorene-d10	15.48	176	1429110	29.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	178325	25.87	ng/ul	-0.01
71) Anthracene-d10	17.33	188	2283636	29.39	ng/ul	0.00
79) Pyrene-d10	19.62	212	2522046	28.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2870591	28.25	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	9593	1.594	ng/uL	94
4) Benzaldehyde	7.00	77	39803	3.315	ng/ul	98
6) Phenol	7.04	94	90265	3.757	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.28	93	72059	3.949	ng/ul	97
10) 2-Chlorophenol	7.42	128	72114	3.777	ng/ul	99
11) 2-Methylphenol	8.29	108	66213	3.531	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.40	45	111024	4.137	ng/ul	100
14) Acetophenone	8.68	105	118056	4.047	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	62837	3.988	ng/ul	97
16) 4-Methylphenol	8.62	108	75239	3.716	ng/ul	99
17) Hexachloroethane	8.95	117	29227	3.865	ng/ul	96
20) Nitrobenzene	9.05	77	85577	4.241	ng/ul	97
21) Isophorone	9.58	82	175108	3.873	ng/ul	100
23) 2-Nitrophenol	9.76	139	35585	4.031	ng/ul	95
24) 2,4-Dimethylphenol	9.82	107	83119	3.756	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.06	93	101356	3.823	ng/ul	98
27) 2,4-Dichlorophenol	10.30	162	67150	3.602	ng/ul	94
28) Naphthalene	10.70	128	242545	3.913	ng/ul	99
30) 4-Chloroaniline	10.80	127	97538	3.807	ng/ul	99
31) Hexachlorobutadiene	11.00	225	40965	3.567	ng/ul	97
32) Caprolactam	11.59	113	22536m	3.247	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	73787	3.587	ng/ul	95
34) 2-Methylnaphthalene	12.32	142	179346	3.841	ng/ul	99

JU 09/14/19

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QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : MDL-W-02

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.54	142	172381	3.864 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	85629	3.670 ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	45086	3.134 ng/ul	96
39) 2,4,6-Trichlorophenol	12.92	196	48881	3.346 ng/ul	95
40) 2,4,5-Trichlorophenol	12.99	196	54359	3.432 ng/ul	97
41) 1,1'-Biphenyl	13.33	154	233503	3.877 ng/ul	99
42) 2-Chloronaphthalene	13.37	162	177766	3.899 ng/ul	99
43) 2-Nitroaniline	13.56	65	39436	3.705 ng/ul	99
45) Dimethylphthalate	13.95	163	231394	3.890 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	32857	3.393 ng/ul	98
48) Acenaphthylene	14.22	152	282639	3.883 ng/ul	99
49) 3-Nitroaniline	14.38	138	32305	3.076 ng/ul	97
50) Acenaphthene	14.56	153	193262	3.832 ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	8499	1.913 ng/ul#	80
53) 4-Nitrophenol	14.67	109	32455	4.035 ng/ul#	86
54) Dibenzofuran	14.89	168	270820	3.869 ng/ul	98
55) 2,4-Dinitrotoluene	14.84	165	51190	3.608 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.11	232	42843	3.256 ng/ul	95
57) Diethylphthalate	15.32	149	234257	3.806 ng/ul	99
59) Fluorene	15.54	166	226248	3.929 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	108739	3.816 ng/ul	98
61) 4-Nitroaniline	15.54	138	37333	3.120 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	27348	3.428 ng/ul#	88
65) N-Nitrosodiphenylamine	15.74	169	196714	3.801 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	67651	3.570 ng/ul	98
67) Hexachlorobenzene	16.54	284	77537	3.713 ng/ul	100
68) Atrazine	16.69	200	65860	3.310 ng/ul	98
69) Pentachlorophenol	16.88	266	33251	2.886 ng/ul	98
70) Phenanthrene	17.27	178	360555	3.883 ng/ul	99
72) Anthracene	17.36	178	371458	3.894 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	85091	3.604 ng/uL	98
74) Pentachlorobenzene	14.81	250	86533	3.636 ng/uL	99
75) Carbazole	17.62	167	336614	3.926 ng/ul	99
76) Di-n-butylphthalate	18.20	149	386406	3.559 ng/ul	99
77) Fluoranthene	19.28	202	417237	3.959 ng/ul	98
80) Pyrene	19.64	202	440268	3.806 ng/ul	99
81) Butylbenzylphthalate	20.55	149	152608	3.129 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	113366	2.789 ng/ul	96
83) Benzo(a)anthracene	21.39	228	458497	3.866 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.34	149	243568	3.291 ng/ul	98
85) Chrysene	21.44	228	419418	3.844 ng/ul	100
87) Di-n-octyl phthalate	22.23	149	399378	2.951 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	462158	3.716 ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	438689	3.630 ng/ul	99
91) Benzo(a)pyrene	23.60	252	451864	3.808 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	516363	3.767 ng/ul	100
93) Dibenzo(a,h)anthracene	26.04	278	433293	3.798 ng/ul	98
94) Benzo(g,h,i)perylene	26.73	276	422672	3.754 ng/ul	100

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

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

Instrument :
BNA_M
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
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