Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022538.D
Acq On : 06 Sep 2019 01:21
Operator : HP/JU
Sample : MDL-S-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 06 02:53:44 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-S-07

Manual Integrations APPROVED
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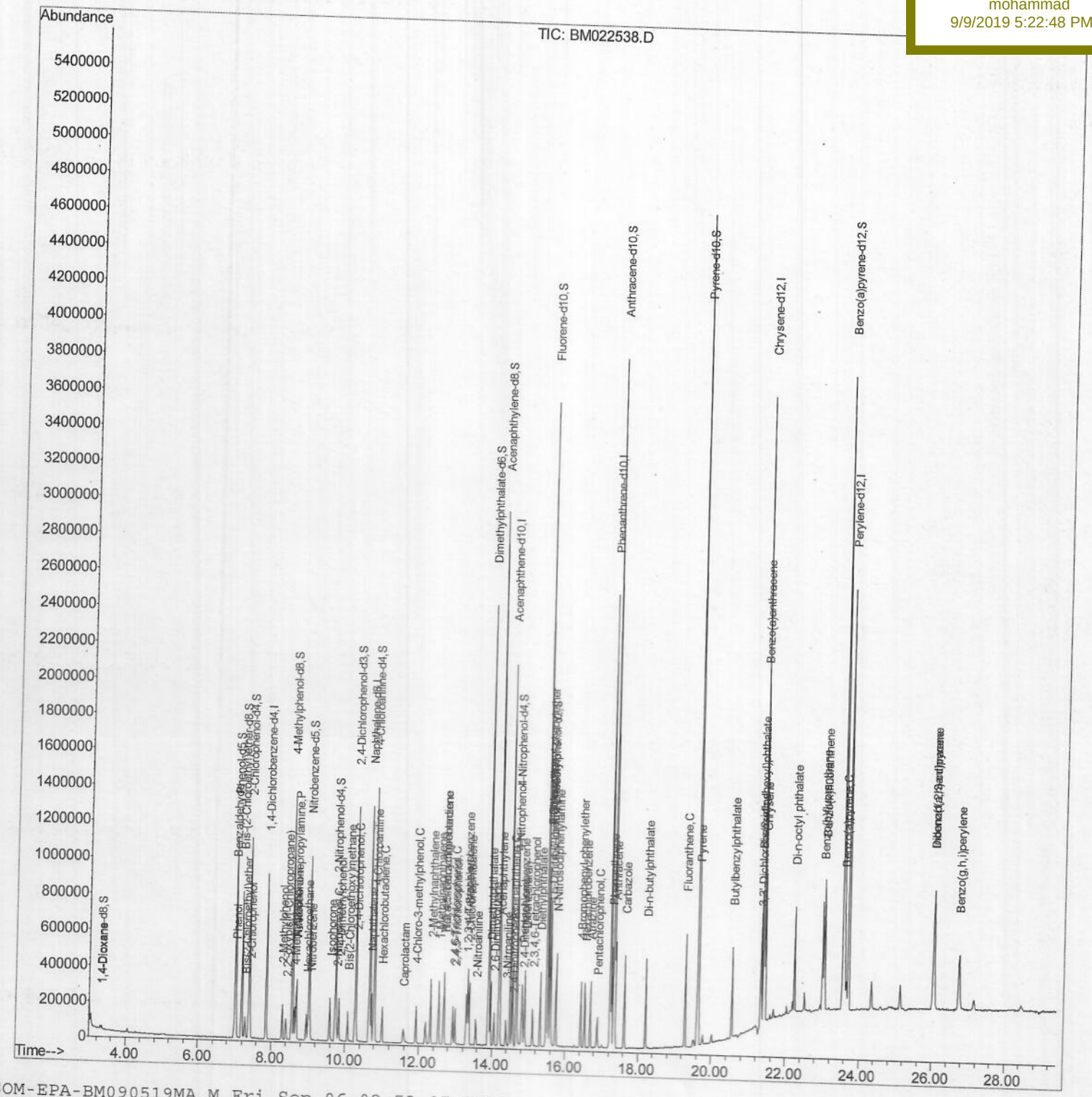

SOM-EPA-BM090519MA.M Fri Sep 06 02:53:07 2019

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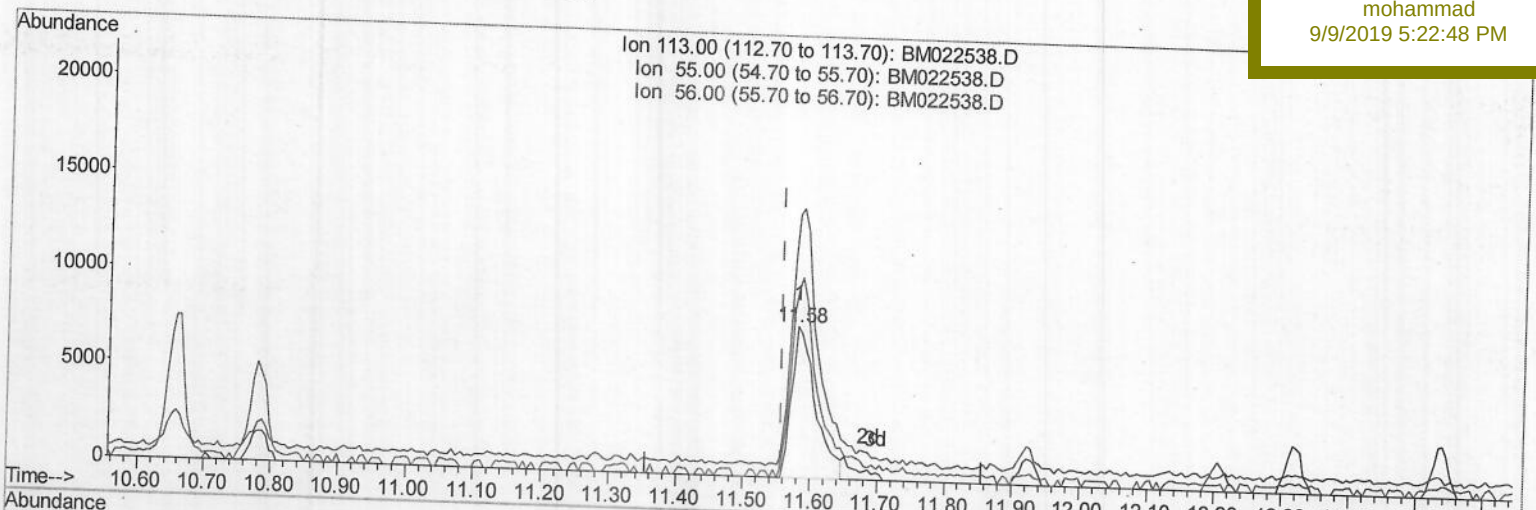

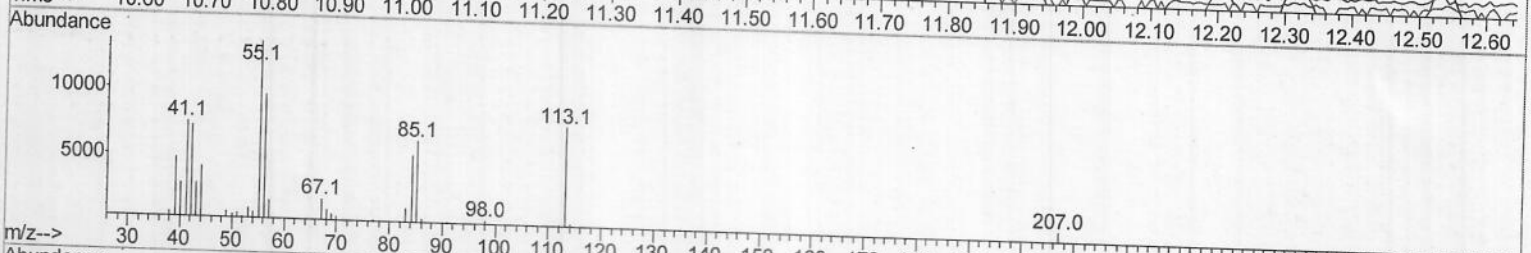

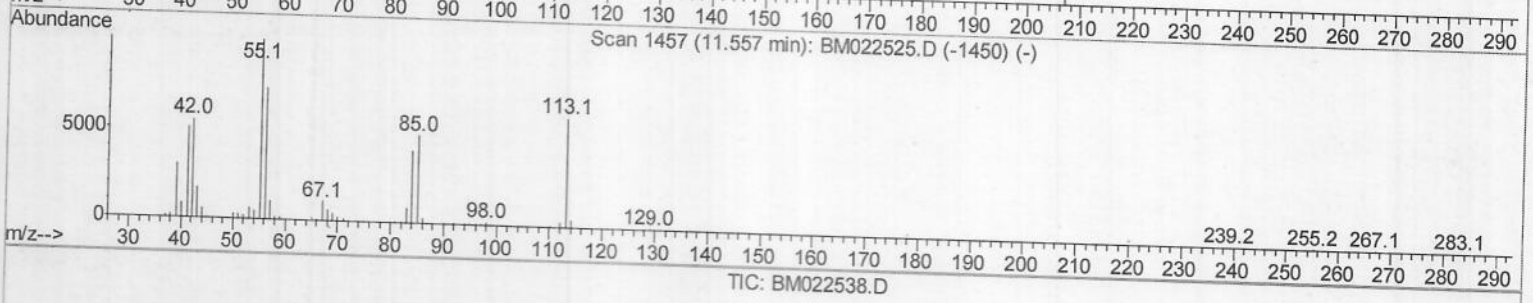

TIC: BM022538.D

(32) Caprolactam

11.580min (+0.023) 2.94ng/ul

response 19465

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	175.08
56.00	123.00	123.89
0.00	0.00	0.00

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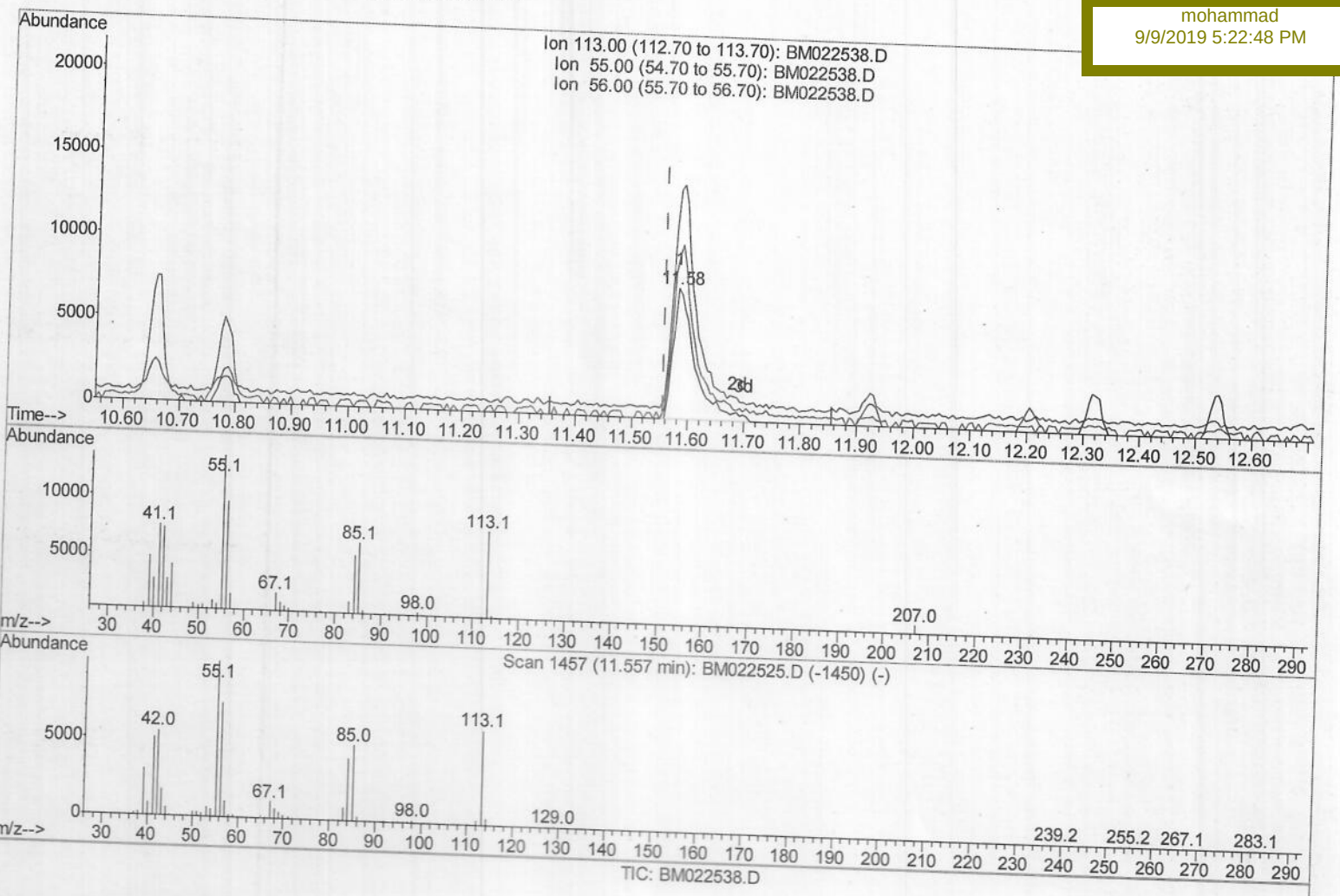

TIC: BM022538.D

(32) Caprolactam

11.580min (+0.023) 3.22ng/ul m JU 09/14/19

response 21316

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	175.08
56.00	123.00	123.89
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	234108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1067681	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	685072	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1409508	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1440846	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1666132	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8507	1.51	ng/uL	0.00
5) Phenol-d5	7.02	99	597962	27.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	371146	29.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	478484	28.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	489127	27.86	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	227473	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	214361	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	468593	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	703785	29.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1572899	28.33	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1988190	29.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	249113	26.27	ng/ul	0.00
58) Fluorene-d10	15.49	176	1318191	28.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	150093	23.43	ng/ul	0.00
71) Anthracene-d10	17.33	188	2076235	28.75	ng/ul	0.00
79) Pyrene-d10	19.62	212	2250812	28.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	2468872	27.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8639	1.528	ng/uL#	89
4) Benzaldehyde	7.00	77	36213	3.211	ng/ul	90
6) Phenol	7.04	94	82312	3.648	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.28	93	67527	3.940	ng/ul	98
10) 2-Chlorophenol	7.42	128	66967	3.735	ng/ul	96
11) 2-Methylphenol	8.29	108	63718	3.618	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	103869	4.121	ng/ul	99
14) Acetophenone	8.68	105	110860	4.047	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.67	70	58555	3.957	ng/ul	97
16) 4-Methylphenol	8.62	108	69416	3.651	ng/ul	97
17) Hexachloroethane	8.95	117	27270	3.839	ng/ul	95
20) Nitrobenzene	9.05	77	78519	4.074	ng/ul	97
21) Isophorone	9.58	82	165887	3.841	ng/ul	98
23) 2-Nitrophenol	9.76	139	32995	3.914	ng/ul	92
24) 2,4-Dimethylphenol	9.83	107	77055	3.645	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.07	93	93028	3.674	ng/ul	100
27) 2,4-Dichlorophenol	10.30	162	62901	3.533	ng/ul	92
28) Naphthalene	10.71	128	224593	3.794	ng/ul	98
30) 4-Chloroaniline	10.80	127	90819	3.711	ng/ul	99
31) Hexachlorobutadiene	11.00	225	39773	3.626	ng/ul	98
32) Caprolactam	11.58	113	21316m	3.216	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	69843	3.555	ng/ul	97
34) 2-Methylnaphthalene	12.32	142	168244	3.773	ng/ul	99

JU 09/14/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.54	142	160110	3.758	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	80164	3.627	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	42499	3.119	ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	46440	3.356	ng/ul	97
40) 2,4,5-Trichlorophenol	12.99	196	51672	3.444	ng/ul	98
41) 1,1'-Biphenyl	13.33	154	217700	3.816	ng/ul	99
42) 2-Chloronaphthalene	13.37	162	164289	3.804	ng/ul	99
43) 2-Nitroaniline	13.56	65	36083	3.578	ng/ul	93
45) Dimethylphthalate	13.95	163	212473	3.771	ng/ul	100
46) 2,6-Dinitrotoluene	14.06	165	29196	3.182	ng/ul	94
48) Acenaphthylene	14.22	152	265212	3.847	ng/ul	100
49) 3-Nitroaniline	14.38	138	27901	2.805	ng/ul#	94
50) Acenaphthene	14.56	153	181887	3.807	ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	7674	1.823	ng/ul#	84
53) 4-Nitrophenol	14.68	109	29563	3.880	ng/ul	94
54) Dibenzofuran	14.89	168	252726	3.812	ng/ul	97
55) 2,4-Dinitrotoluene	14.84	165	45234	3.366	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.12	232	40519	3.251	ng/ul	99
57) Diethylphthalate	15.32	149	217268	3.727	ng/ul	100
59) Fluorene	15.54	166	209211	3.835	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	99874	3.700	ng/ul	99
61) 4-Nitroaniline	15.54	138	31510	2.780	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.60	198	23038	3.108	ng/ul#	74
65) N-Nitrosodiphenylamine	15.74	169	181886	3.782	ng/ul	100
66) 4-Bromophenyl-phenylether	16.43	248	62853	3.569	ng/ul	99
67) Hexachlorobenzene	16.54	284	71552	3.687	ng/ul	96
68) Atrazine	16.69	200	60727	3.284	ng/ul	99
69) Pentachlorophenol	16.88	266	30155	2.816	ng/ul	94
70) Phenanthrene	17.27	178	327055	3.790	ng/ul	99
72) Anthracene	17.36	178	337127	3.803	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	80680	3.677	ng/uL	98
74) Pentachlorobenzene	14.82	250	81126	3.668	ng/uL	97
75) Carbazole	17.62	167	308778	3.875	ng/ul	99
76) Di-n-butylphthalate	18.20	149	358853	3.556	ng/ul	99
77) Fluoranthene	19.29	202	379507	3.875	ng/ul	99
80) Pyrene	19.64	202	398105	3.818	ng/ul	99
81) Butylbenzylphthalate	20.55	149	133623	3.039	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.32	252	104787	2.860	ng/ul	98
83) Benzo(a)anthracene	21.39	228	405951	3.798	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.34	149	213940	3.207	ng/ul	98
85) Chrysene	21.44	228	372613	3.788	ng/ul	100
87) Di-n-octyl phthalate	22.23	149	359530	3.014	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	399350	3.643	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	395270	3.711	ng/ul	99
91) Benzo(a)pyrene	23.60	252	397485	3.801	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	448142	3.709	ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	378251	3.762	ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	368437	3.712	ng/ul	97

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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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