Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030210.D
Acq On : 27 May 2021 21:03
Operator : CG/JU
Sample : PB136684BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 28 02:16:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS684

Manual Integrations APPROVED
mohammad
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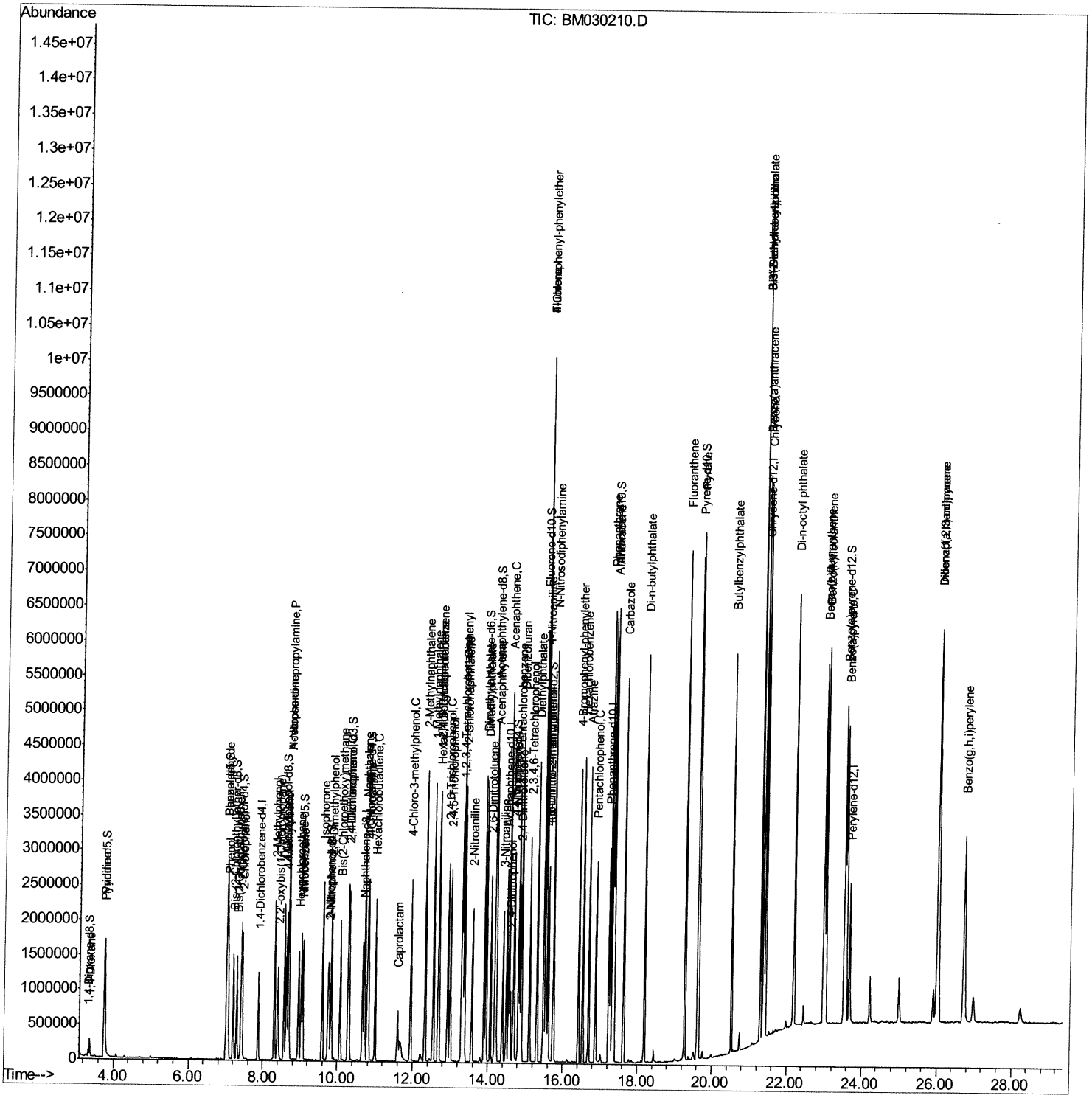

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Quant Time: May 28 02:07:24 2021
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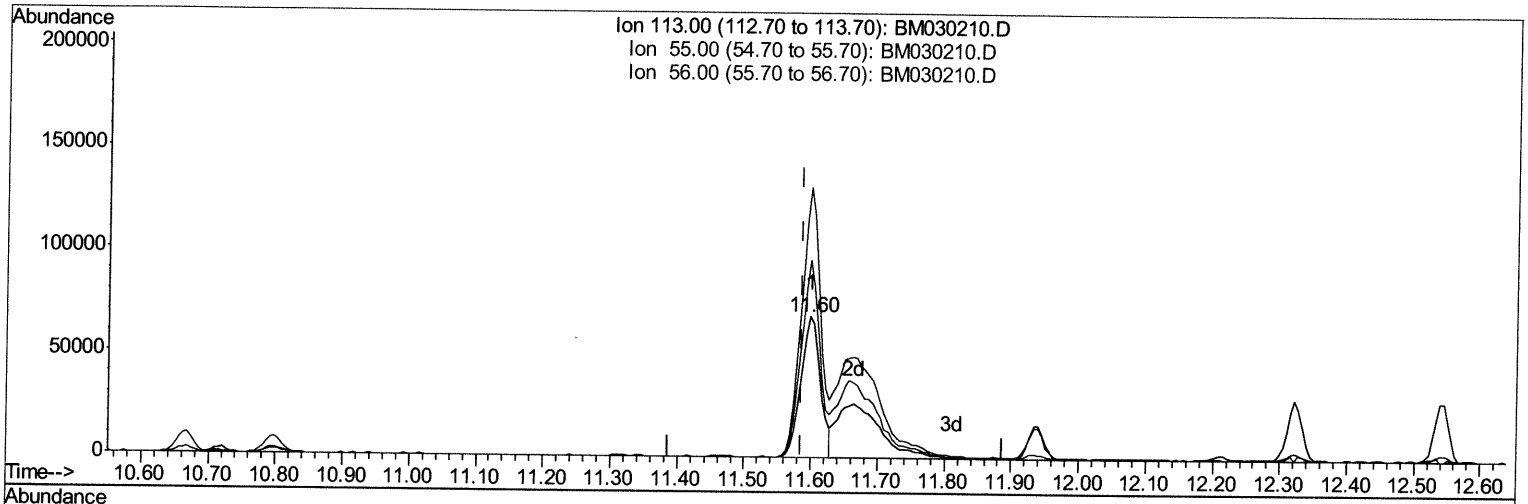

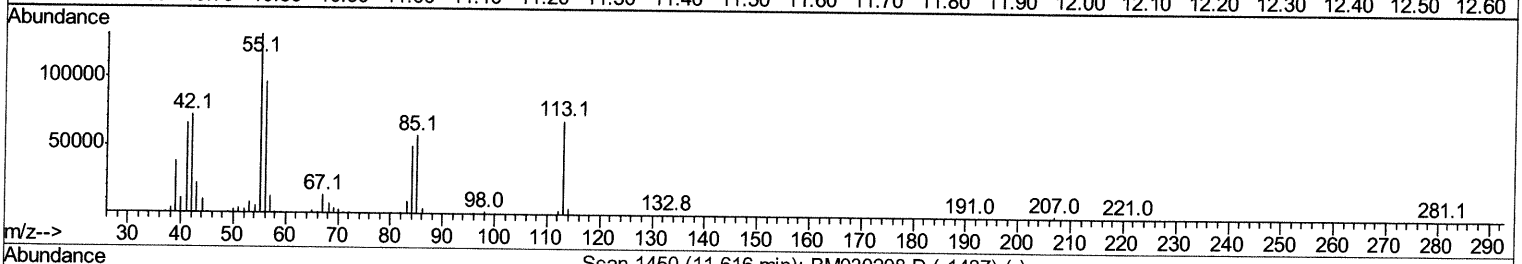

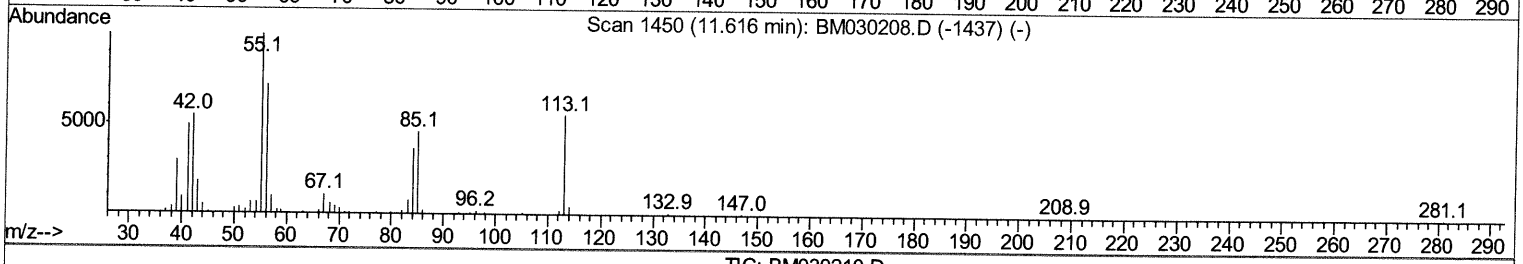

TIC: BM030210.D

(34) Caprolactam

11.598min (+0.011) 20.39ng/ul

response 136773

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	191.66
56.00	134.00	140.53
0.00	0.00	0.00

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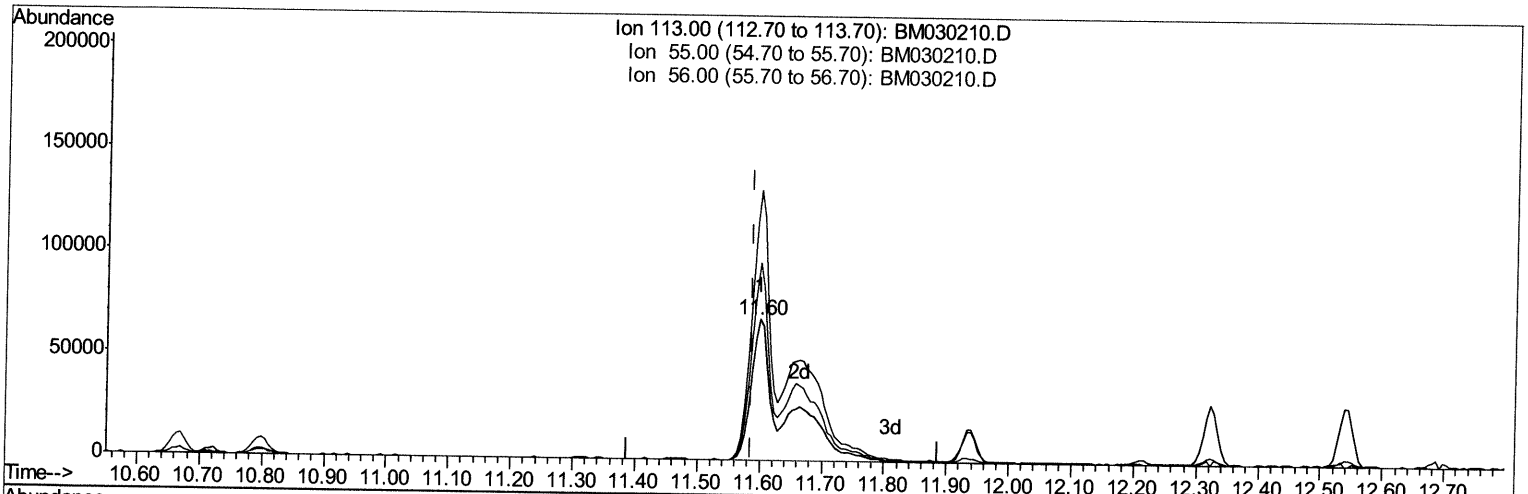

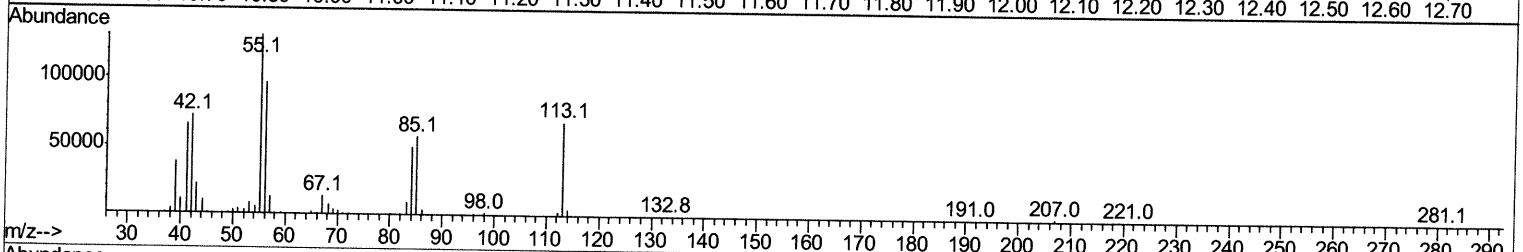

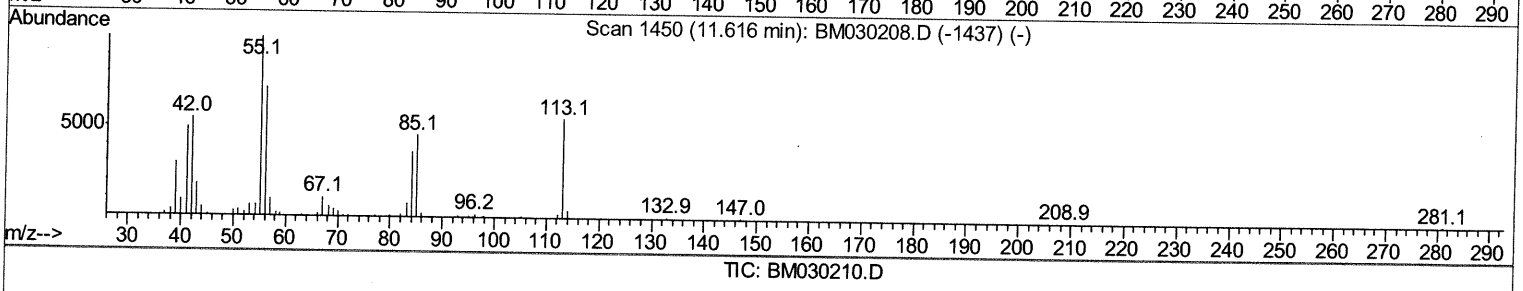

(34) Caprolactam

11.598min (+0.011) 38.22ng/ul m 06/01/21 JU

response 256322

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	191.66
56.00	134.00	140.53
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	7.87	152	330727	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1418576	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	922684	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1859730	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1596670	20.00	ng/ul	0.00
88) Perylene-d12	23.67	264	1371682	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	52554	6.50	ng/uL	0.00
4) Pyridine-d5	3.75	84	737370	32.55	ng/ul	0.00
7) Phenol-d5	7.03	99	1100361	37.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	678848	36.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	842352	38.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	864382	37.44	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	408126	44.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	417670	47.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.28	165	907479	39.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	1191896	35.27	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2776169	39.35	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3497204	38.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	491990	43.16	ng/ul	0.00
60) Fluorene-d10	15.49	176	2404362	39.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	418122	46.38	ng/ul	0.00
73) Anthracene-d10	17.33	188	3519421	38.24	ng/ul	0.00
81) Pyrene-d10	19.61	212	3688374	43.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	3178735	40.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	121021	13.923	ng/uL	96
5) Pyridine	3.77	79	710960	30.559	ng/ul	96
6) Benzaldehyde	7.02	77	585797	37.753	ng/ul	97
8) Phenol	7.06	94	990221	33.521	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.30	93	767870	32.385	ng/ul	97
12) 2-Chlorophenol	7.44	128	761806	34.154	ng/ul	99
13) 2-Methylphenol	8.30	108	741351	33.190	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.40	45	1270345	32.242	ng/ul	99
16) Acetophenone	8.69	105	1231189	32.991	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.69	70	663588	33.709	ng/ul	99
18) 4-Methylphenol	8.64	108	813516	33.824	ng/ul	98
19) Hexachloroethane	8.96	117	304329	31.866	ng/ul	97
22) Nitrobenzene	9.07	77	911894	36.379	ng/ul	98
23) Isophorone	9.60	82	1791568	33.895	ng/ul	99
25) 2-Nitrophenol	9.78	139	415246	41.703	ng/ul	98
26) 2,4-Dimethylphenol	9.83	107	761620	28.749	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.07	93	1102498	34.032	ng/ul	100
29) 2,4-Dichlorophenol	10.31	162	782079	35.614	ng/ul	99
30) Naphthalene	10.72	128	2520356	32.383	ng/ul	99
32) 4-Chloroaniline	10.82	127	1041362	29.766	ng/ul	99
33) Hexachlorobutadiene	11.00	225	472283	31.564	ng/ul	99
34) Caprolactam	11.60	113	256322m	> 38.217	ng/ul	> 99

06/01/21 JU

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Quant Time: May 28 02:16:21 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.94	107	837879	36.398 ng/ul	98
36) 2-Methylnaphthalene	12.32	142	1906885	32.767 ng/ul	98
37) 1-Methylnaphthalene	12.54	142	1845520	32.620 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	989933	33.066 ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	557970	26.597 ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	647376	38.527 ng/ul	97
42) 2,4,5-Trichlorophenol	13.00	196	710110	39.063 ng/ul	99
43) 1,1'-Biphenyl	13.33	154	2500741	33.984 ng/ul	100
44) 2-Chloronaphthalene	13.37	162	1935814	34.221 ng/ul	99
45) 2-Nitroaniline	13.57	65	571150	43.955 ng/ul	94
47) Dimethylphthalate	13.95	163	2479775	35.588 ng/ul	99
48) 2,6-Dinitrotoluene	14.07	165	497310	44.783 ng/ul	94
50) Acenaphthylene	14.22	152	2902320	33.053 ng/ul	99
51) 3-Nitroaniline	14.40	138	508296	39.272 ng/ul#	95
52) Acenaphthene	14.56	153	2136710	34.449 ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	257670	36.958 ng/ul	95
55) 4-Nitrophenol	14.70	109	345206	27.582 ng/ul	98
56) Dibenzofuran	14.89	168	2961035	34.490 ng/ul	98
57) 2,4-Dinitrotoluene	14.85	165	707072	43.903 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	606238	39.493 ng/ul	98
59) Diethylphthalate	15.32	149	2540371	35.992 ng/ul	99
61) Fluorene	15.54	166	2585548	35.497 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	1269949	35.559 ng/ul	99
63) 4-Nitroaniline	15.56	138	540020	40.577 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	379042	40.756 ng/ul	100
67) N-Nitrosodiphenylamine	15.74	169	2162715	35.654 ng/ul	99
68) 4-Bromophenyl-phenylether	16.42	248	764762	36.536 ng/ul	97
69) Hexachlorobenzene	16.54	284	850523	35.547 ng/ul	98
70) Atrazine	16.69	200	742366	34.120 ng/ul	100
71) Pentachlorophenol	16.88	266	483754	33.107 ng/ul	99
72) Phenanthrene	17.27	178	3857123	35.391 ng/ul	100
74) Anthracene	17.36	178	3881450	34.719 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	991873	32.689 ng/uL	99
76) Pentachlorobenzene	14.82	250	962975	34.214 ng/uL	99
77) Carbazole	17.63	167	3426121	33.818 ng/ul	100
78) Di-n-butylphthalate	18.19	149	4188239	37.219 ng/ul	100
80) Fluoranthene	19.27	202	4212791	40.267 ng/ul	99
82) Pyrene	19.64	202	4285786	39.194 ng/ul	97
83) Butylbenzylphthalate	20.53	149	1588904	42.571 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	1145798	33.894 ng/ul	97
85) Benzo(a)anthracene	21.37	228	3748193	35.630 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.30	149	2456040	41.009 ng/ul	99
87) Chrysene	21.42	228	3584609	35.005 ng/ul	99
89) Di-n-octyl phthalate	22.19	149	3811878	43.220 ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	3626486	39.452 ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	3422071	37.752 ng/ul	100
93) Benzo(a)pyrene	23.58	252	3105416	38.275 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.01	276	3973246	39.096 ng/ul	99
95) Dibenzo(a,h)anthracene	26.03	278	3352226	39.454 ng/ul	99
96) Benzo(g,h,i)perylene	26.73	276	3202511	38.568 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