Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029409.D
Acq On : 08 Apr 2021 16:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 16:56:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02011

Manual Integrations APPROVED
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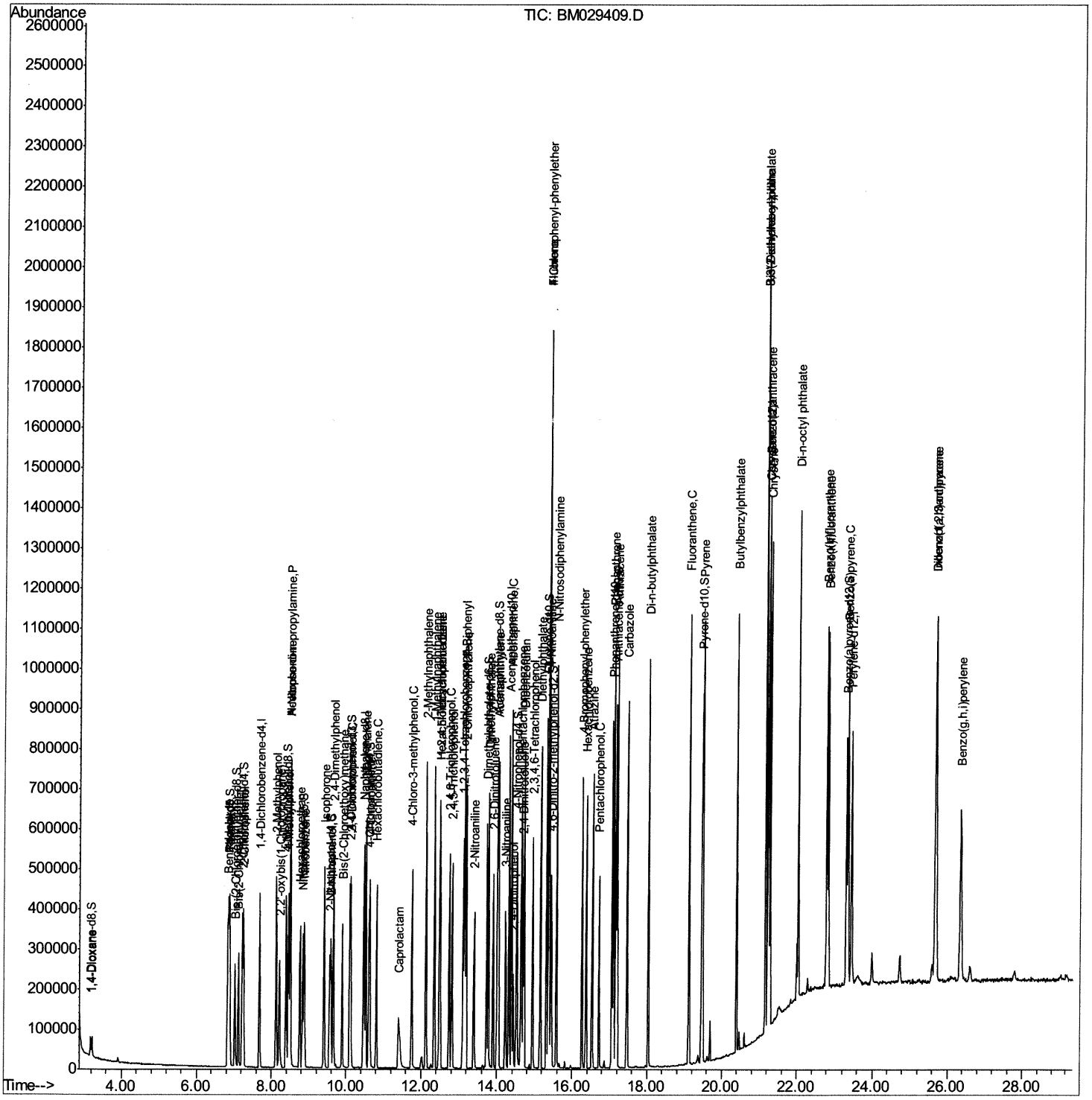

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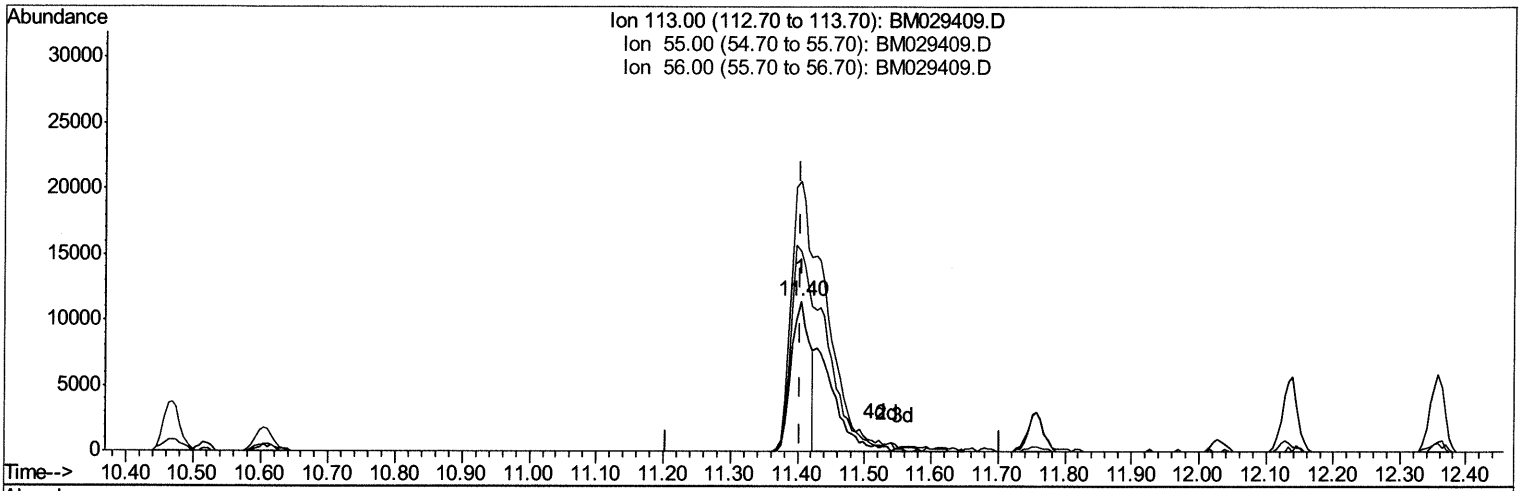

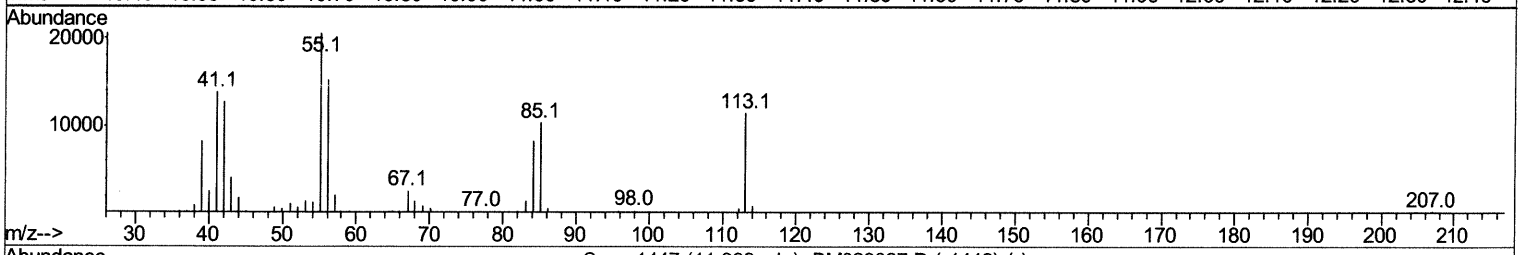

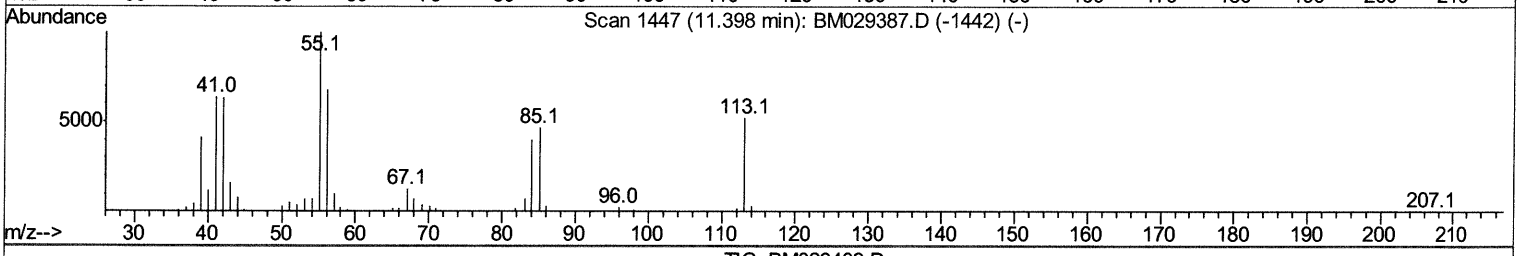

TIC: BM029409.D

(32) Caprolactam

11.404min (-0.000) 12.08ng/ul

response 22094

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	179.58
56.00	135.40	132.74
0.00	0.00	0.00

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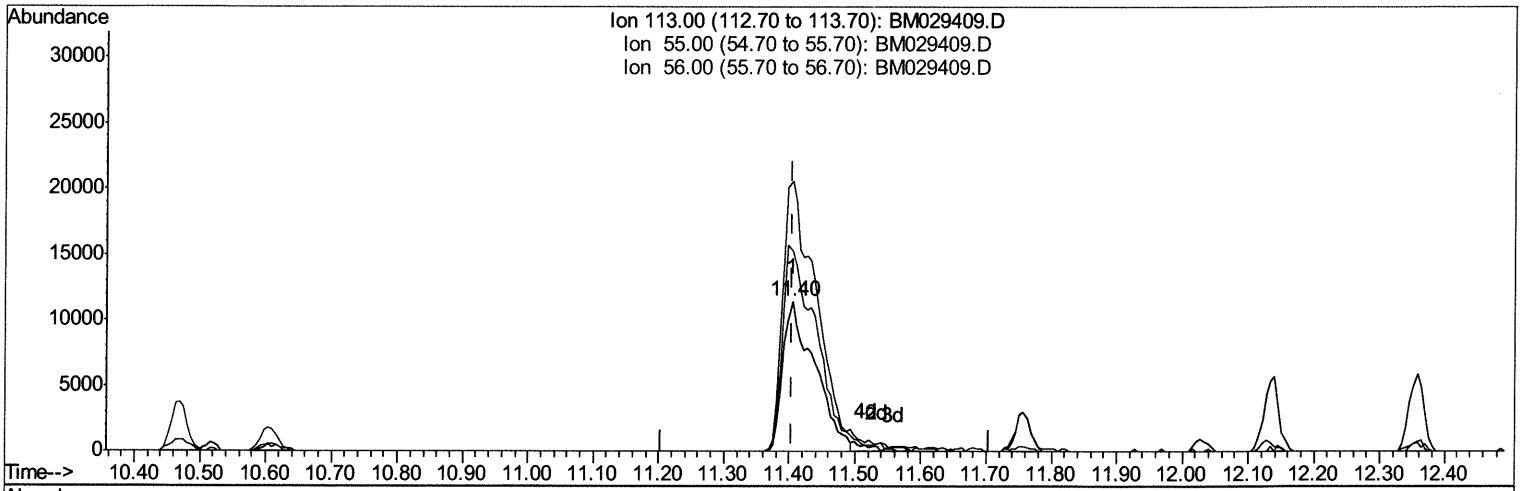

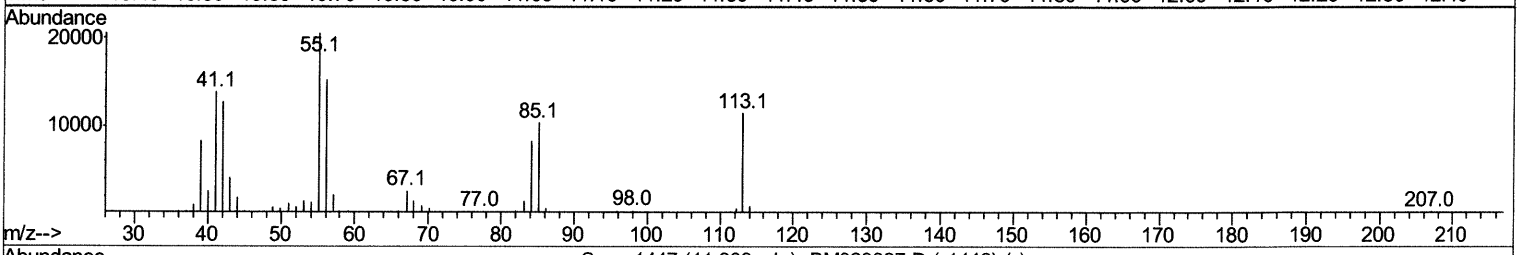

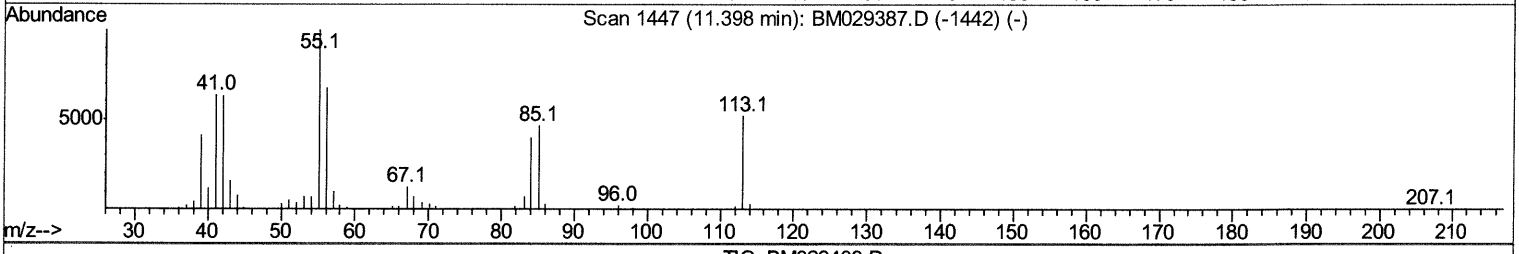

TIC: BM029409.D

(32) Caprolactam

11.404min (-0.000) 21.03ng/ul m 04/12/21 JU

response 38462

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	179.58
56.00	135.40	132.74
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	7.69	152	99459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	416659	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	251955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	460478	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	380081	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	370226	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	20116	7.72	ng/uL	0.00
5) Phenol-d5	6.86	99	180344	21.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	116569	21.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	140444	22.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	139292	21.69	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	63048	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	68502	22.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	134316	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	173370	23.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	365467	20.25	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	484592	21.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	62492	18.88	ng/ul	0.00
58) Fluorene-d10	15.32	176	303748	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	50249	19.20	ng/ul	0.00
71) Anthracene-d10	17.16	188	432868	20.68	ng/ul	0.00
79) Pyrene-d10	19.46	212	415970	22.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	394019	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	22105	8.085	ng/uL	95
4) Benzaldehyde	6.83	77	119383	25.878	ng/ul	96
6) Phenol	6.89	94	188804	21.238	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	145743	21.629	ng/ul	99
10) 2-Chlorophenol	7.26	128	145296	21.512	ng/ul	97
11) 2-Methylphenol	8.13	108	138028	21.878	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.22	45	228327	23.041	ng/ul	99
14) Acetophenone	8.51	105	231471	22.046	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	131752	23.530	ng/ul	94
16) 4-Methylphenol	8.46	108	149515	21.735	ng/ul	99
17) Hexachloroethane	8.76	117	63724	21.693	ng/ul	98
20) Nitrobenzene	8.88	77	191712	21.880	ng/ul	99
21) Isophorone	9.41	82	333867	23.123	ng/ul	99
23) 2-Nitrophenol	9.59	139	76485	22.092	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	171180	21.485	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	196099	22.084	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	133932	21.630	ng/ul	98
28) Naphthalene	10.52	128	459253	21.142	ng/ul	99
30) 4-Chloroaniline	10.63	127	182916	23.392	ng/ul	99
31) Hexachlorobutadiene	10.81	225	80282	20.953	ng/ul	98
32) Caprolactam	11.40	113	38462m >	21.028	ng/ul >	04/12/21 JU
33) 4-Chloro-3-methylphenol	11.76	107	148088	22.690	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	321691	21.468	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	310397	21.281	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	145455	20.142	ng/ul	95
38) Hexachlorocyclopentadiene	12.49	237	91472	19.654	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	97772	21.551	ng/ul	94
40) 2,4,5-Trichlorophenol	12.82	196	107399	21.846	ng/ul	99
41) 1,1'-Biphenyl	13.16	154	408851	20.612	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	313354	20.591	ng/ul	98
43) 2-Nitroaniline	13.40	65	105369	22.497	ng/ul	96
45) Dimethylphthalate	13.79	163	387618	20.894	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	73227	21.429	ng/ul	97
48) Acenaphthylene	14.04	152	461525	20.726	ng/ul	99
49) 3-Nitroaniline	14.23	138	77876	22.137	ng/ul	92
50) Acenaphthene	14.39	153	340227	20.511	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	37702	18.386	ng/ul	97
53) 4-Nitrophenol	14.54	109	65563	19.726	ng/ul	99
54) Dibenzofuran	14.73	168	457373	20.181	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	105385	20.979	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.95	232	83126	21.598	ng/ul	94
57) Diethylphthalate	15.16	149	399797	21.007	ng/ul	99
59) Fluorene	15.37	166	382220	20.053	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	174706	19.555	ng/ul	98
61) 4-Nitroaniline	15.39	138	82276	20.547	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.45	198	53200	19.518	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	322099	22.042	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	95749	21.771	ng/ul	94
67) Hexachlorobenzene	16.37	284	106839	21.459	ng/ul	96
68) Atrazine	16.54	200	105935	20.213	ng/ul	95
69) Pentachlorophenol	16.72	266	61879	21.223	ng/ul	100
70) Phenanthrene	17.11	178	558259	21.058	ng/ul	100
72) Anthracene	17.20	178	576155	21.177	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	143141	21.725	ng/uL	98
74) Pentachlorobenzene	14.64	250	132005	21.689	ng/uL	97
75) Carbazole	17.47	167	502474	20.396	ng/ul	100
76) Di-n-butylphthalate	18.04	149	629757	22.187	ng/ul	100
77) Fluoranthene	19.12	202	568823	18.956	ng/ul	99
80) Pyrene	19.49	202	593276	23.570	ng/ul	99
81) Butylbenzylphthalate	20.39	149	265186	26.083	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	176244	21.586	ng/ul	98
83) Benzo(a)anthracene	21.23	228	518307	21.627	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	411216	24.795	ng/ul	99
85) Chrysene	21.28	228	505209	21.560	ng/ul	98
87) Di-n-octyl phthalate	22.04	149	671651	22.996	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	527727	22.142	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	488852	20.889	ng/ul	99
91) Benzo(a)pyrene	23.36	252	449188	21.245	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	578333	20.899	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	481585	20.712	ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	468374	20.840	ng/ul	99

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

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