Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072820\
Data File : BM026926.D
Acq On : 29 Jul 2020 15:11
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 29 15:43:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02014

Manual Integrations APPROVED
mohammad
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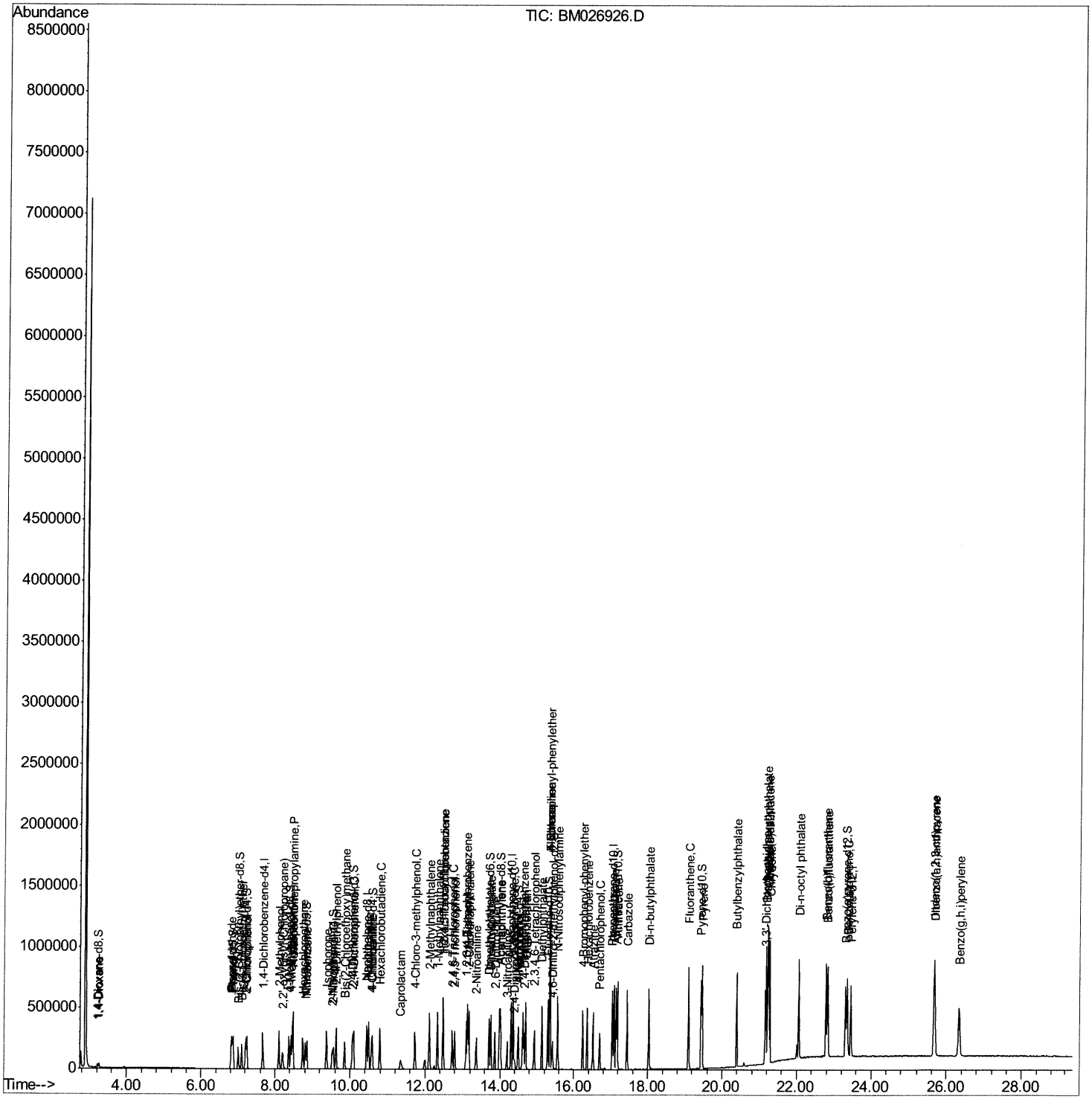

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Quant Time: Jul 29 15:42:25 2020
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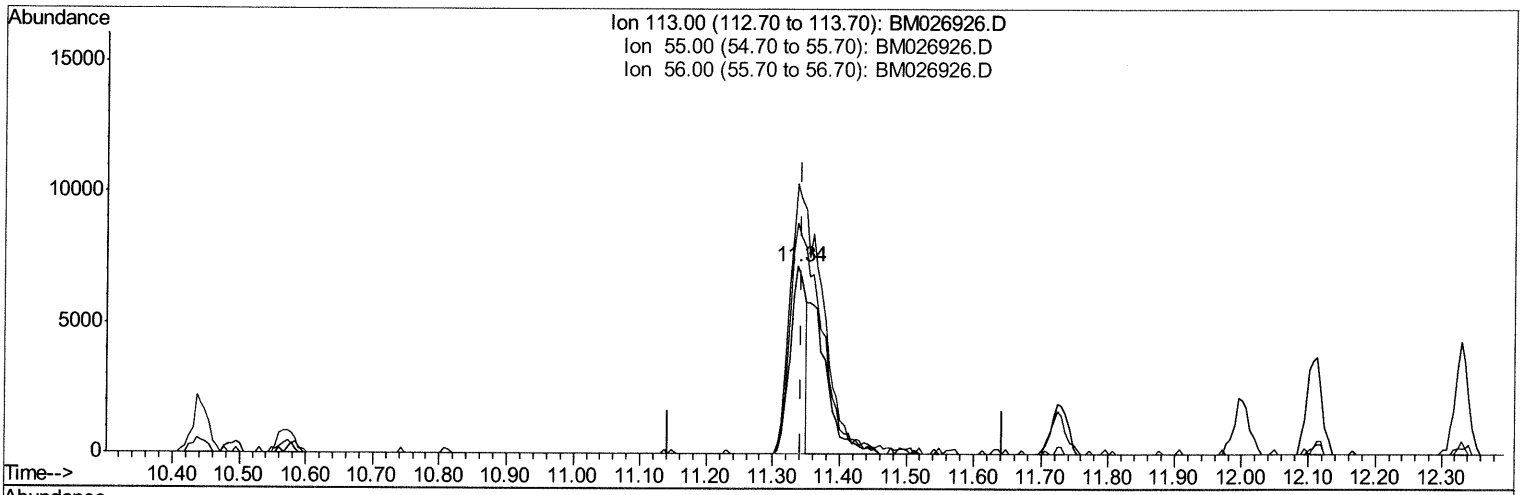

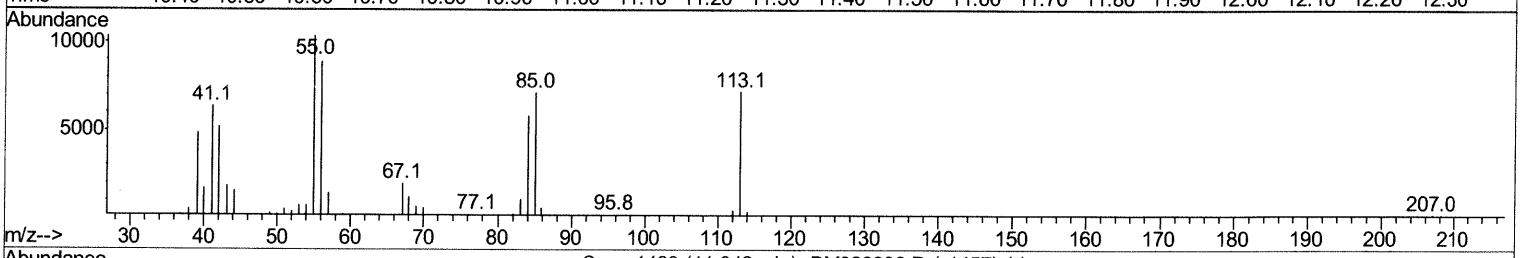

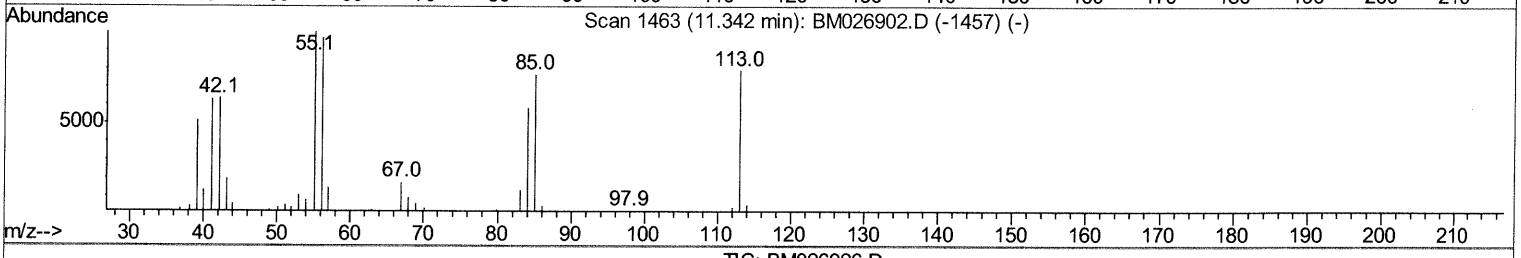

TIC: BM026926.D

(32) Caprolactam

11.336min (-0.006) 8.24ng/ul

response 11398

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	144.09
56.00	112.70	123.28
0.00	0.00	0.00

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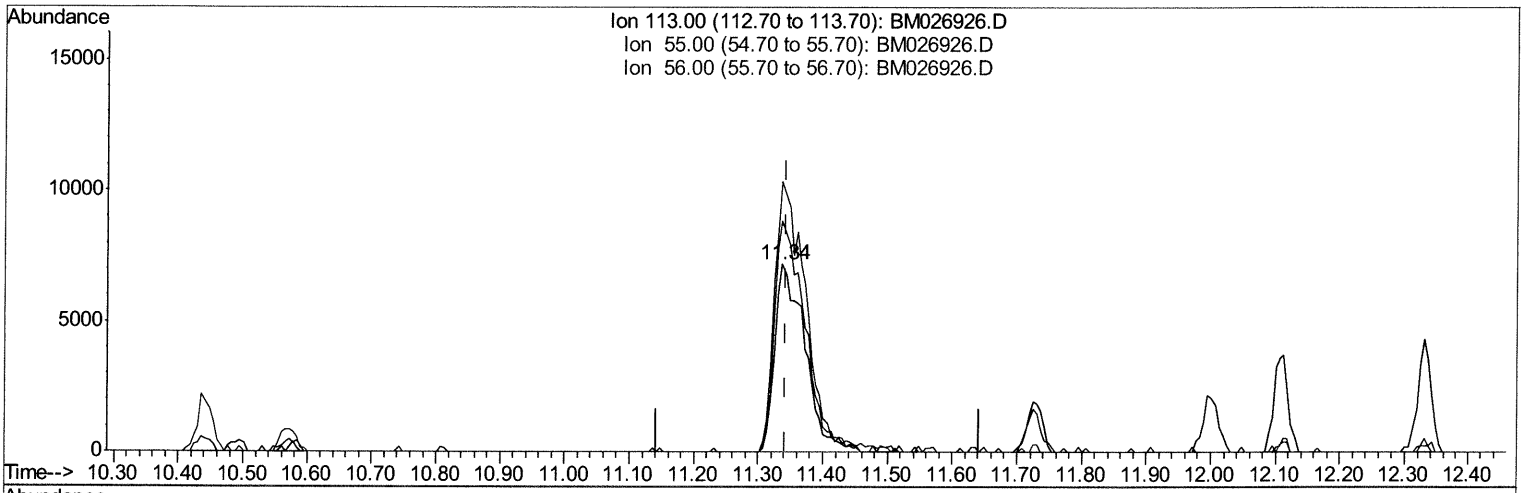

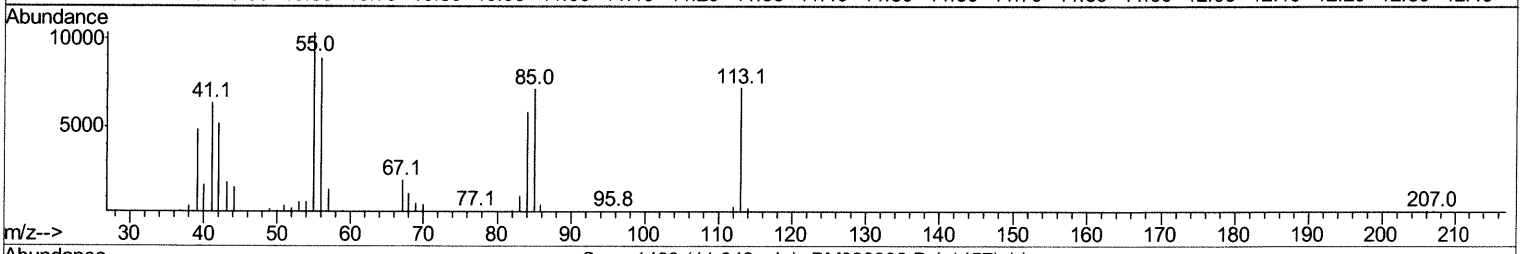

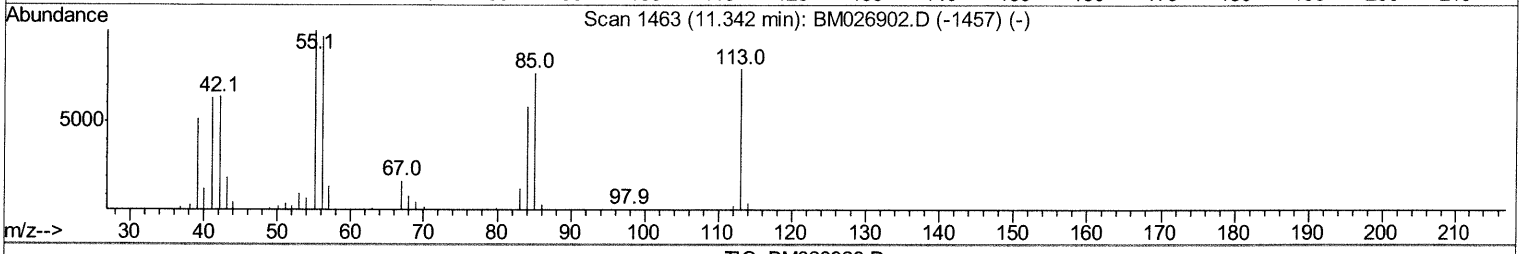

TIC: BM026926.D

(32) Caprolactam

11.336min (-0.006) 16.81ng/ul m 7/31/20 JU

response 23256

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	144.09
56.00	112.70	123.28
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	71820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	267120	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	165202	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	344386	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	362006	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	368868	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	13040	8.28	ng/uL	0.00
5) Phenol-d5	6.84	99	110580	17.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	79875	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	86458	18.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	84946	17.55	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	40445	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	39063	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	86134	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	98439	18.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	240842	18.59	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	309651	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	41694	19.03	ng/ul	0.00
58) Fluorene-d10	15.29	176	216214	19.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	26676	17.38	ng/ul	0.00
71) Anthracene-d10	17.14	188	324337	18.84	ng/ul	0.00
79) Pyrene-d10	19.44	212	351503	18.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	393236	18.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	15364	7.853	ng/uL	96
4) Benzaldehyde	6.81	77	91295	17.811	ng/ul	98
6) Phenol	6.87	94	118866	17.655	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.10	93	97167	18.237	ng/ul	99
10) 2-Chlorophenol	7.24	128	89015	18.209	ng/ul	96
11) 2-Methylphenol	8.11	108	84043	17.447	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	82489	17.483	ng/ul	99
14) Acetophenone	8.48	105	144774	18.024	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	84081	17.331	ng/ul	97
16) 4-Methylphenol	8.43	108	90708	17.670	ng/ul	99
17) Hexachloroethane	8.74	117	45134	19.372	ng/ul	94
20) Nitrobenzene	8.85	77	132226	19.644	ng/ul	99
21) Isophorone	9.38	82	214159	18.047	ng/ul	99
23) 2-Nitrophenol	9.56	139	43599	20.066	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	106173	18.706	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	122521	18.532	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	85240	19.244	ng/ul	99
28) Naphthalene	10.49	128	287175	19.243	ng/ul	98
30) 4-Chloroaniline	10.60	127	98757	18.060	ng/ul	93
31) Hexachlorobutadiene	10.80	225	61554	19.679	ng/ul	95
32) Caprolactam	11.34	113	23256m>	16.813	ng/ul>	7/31/2020 JU
33) 4-Chloro-3-methylphenol	11.72	107	92307	18.691	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	200028	18.959	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	195580	18.972 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	107064	18.961 ng/ul	96
38) Hexachlorocyclopentadiene	12.48	237	58988	15.407 ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	62621	19.353 ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	68515	19.817 ng/ul	95
41) 1,1'-Biphenyl	13.13	154	261180	18.919 ng/ul	99
42) 2-Chloronaphthalene	13.17	162	212817	19.158 ng/ul	99
43) 2-Nitroaniline	13.37	65	68263	20.664 ng/ul	98
45) Dimethylphthalate	13.76	163	254337	18.708 ng/ul	97
46) 2,6-Dinitrotoluene	13.87	165	47852	19.965 ng/ul	92
48) Acenaphthylene	14.02	152	312114	18.635 ng/ul	99
49) 3-Nitroaniline	14.19	138	44515	19.000 ng/ul	100
50) Acenaphthene	14.37	153	219864	19.054 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	17538	18.273 ng/ul	95
53) 4-Nitrophenol	14.51	109	45056	20.526 ng/ul	90
54) Dibenzofuran	14.70	168	301808	18.869 ng/ul	98
55) 2,4-Dinitrotoluene	14.66	165	69373	20.145 ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.93	232	54082	19.939 ng/ul	97
57) Diethylphthalate	15.14	149	256760	18.835 ng/ul	98
59) Fluorene	15.35	166	257094	19.087 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	126904	18.931 ng/ul	95
61) 4-Nitroaniline	15.36	138	53202	18.527 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	29682	17.015 ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	211899	18.809 ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	75160	18.604 ng/ul	96
67) Hexachlorobenzene	16.36	284	89750	19.589 ng/ul	97
68) Atrazine	16.52	200	75246	18.196 ng/ul	97
69) Pentachlorophenol	16.70	266	45076	19.772 ng/ul	98
70) Phenanthrene	17.08	178	399026	19.088 ng/ul	99
72) Anthracene	17.18	178	411062	19.131 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	100429	18.562 ng/uL	98
74) Pentachlorobenzene	14.62	250	100908	19.236 ng/uL	97
75) Carbazole	17.44	167	355119	18.697 ng/ul	99
76) Di-n-butylphthalate	18.03	149	421354	18.858 ng/ul	99
77) Fluoranthene	19.11	202	461225	18.686 ng/ul	98
80) Pyrene	19.47	202	484299	18.388 ng/ul	98
81) Butylbenzylphthalate	20.39	149	184585	18.848 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	141510	16.533 ng/ul	96
83) Benzo(a)anthracene	21.22	228	468996	18.796 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	279900	19.063 ng/ul	98
85) Chrysene	21.28	228	457314	18.794 ng/ul	99
87) Di-n-octyl phthalate	22.06	149	469755	17.332 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	483283	18.315 ng/ul	100
89) Benzo(k)fluoranthene	22.84	252	483605	19.099 ng/ul	99
91) Benzo(a)pyrene	23.36	252	447639	18.800 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	564746	19.119 ng/ul	98
93) Dibenzo(a,h)anthracene	25.68	278	479625	19.198 ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	468079	19.164 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