Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041321\
Data File : BM029459.D
Acq On : 13 Apr 2021 14:58
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 14 03:21:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:46:03 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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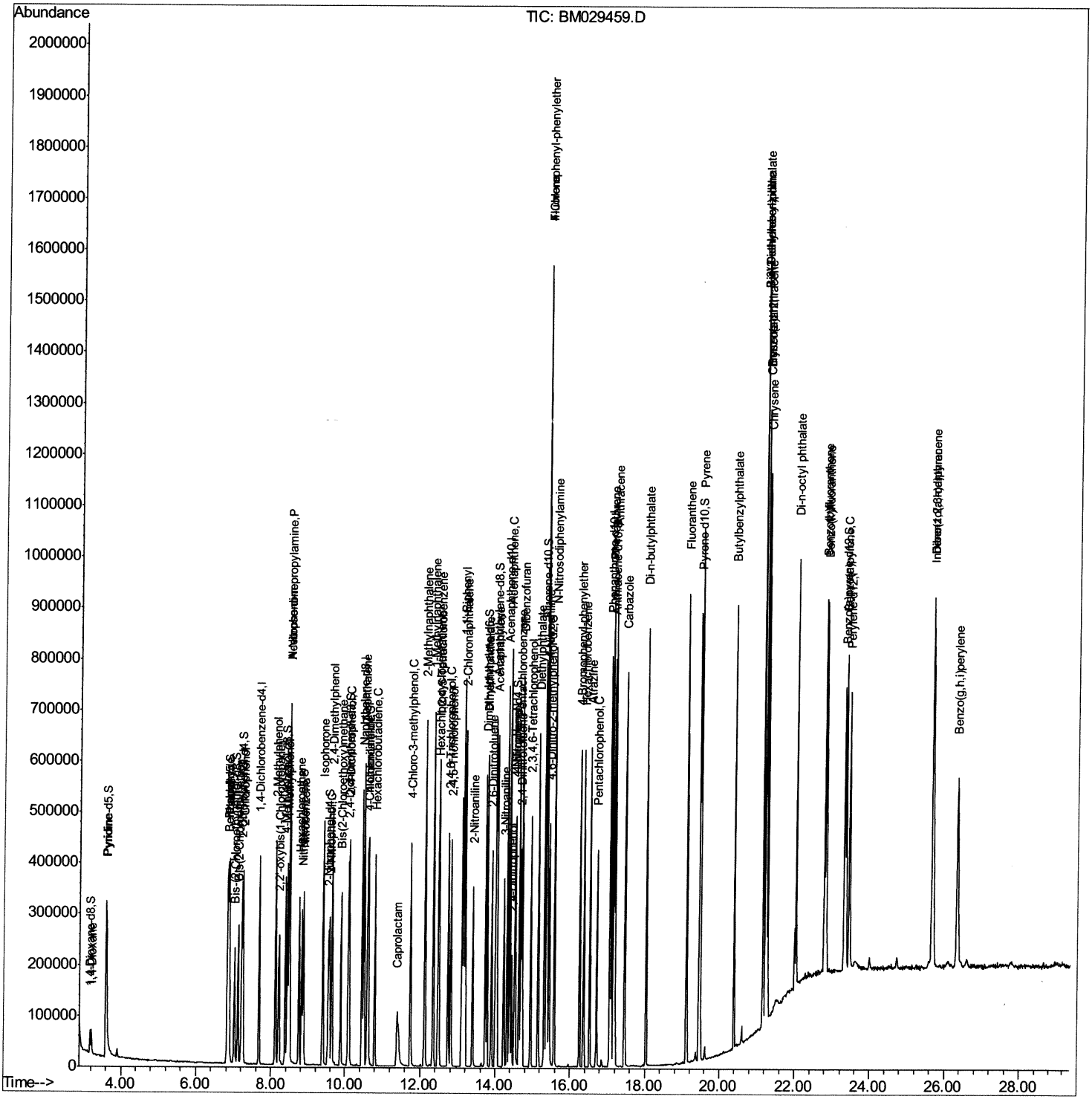

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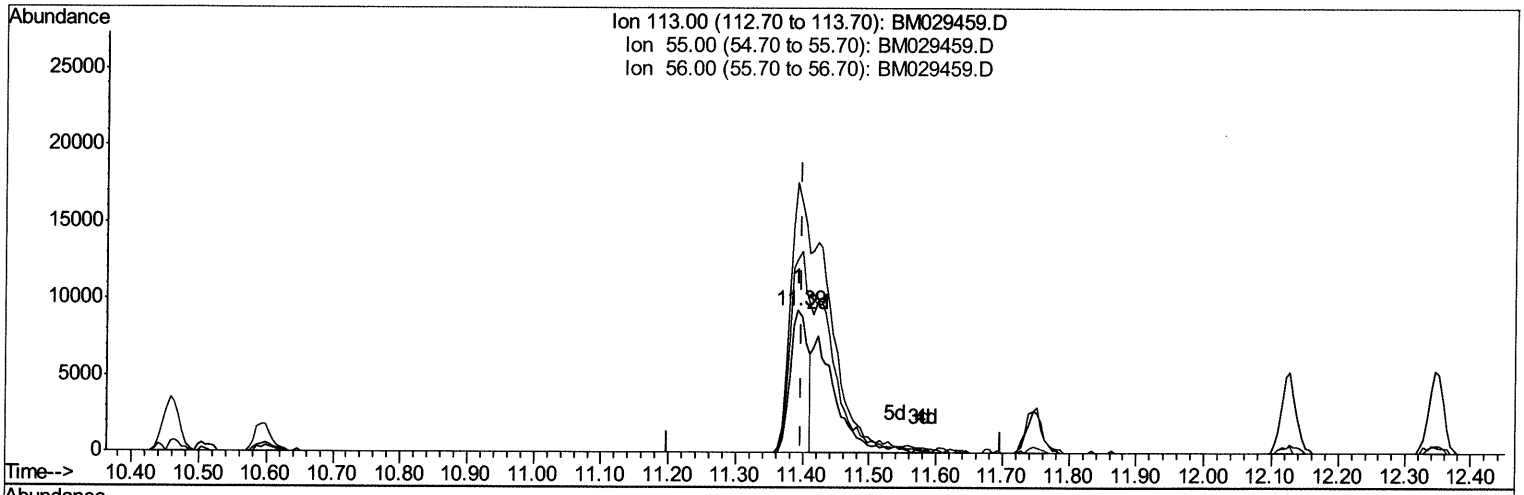

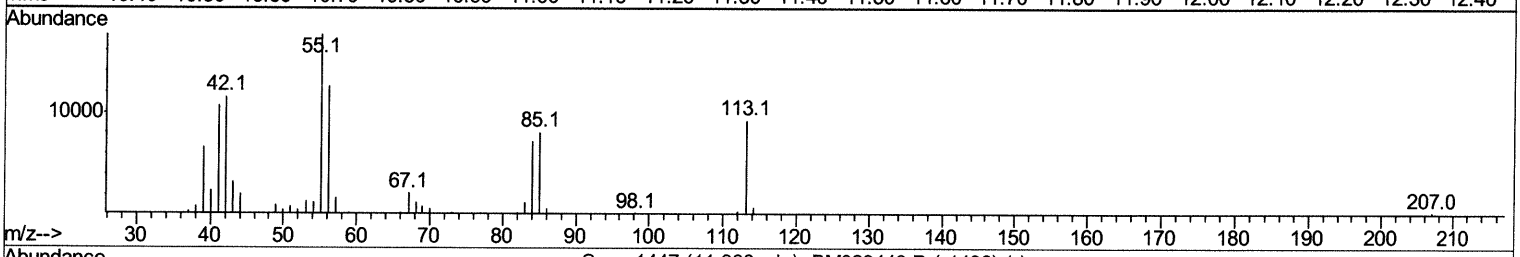

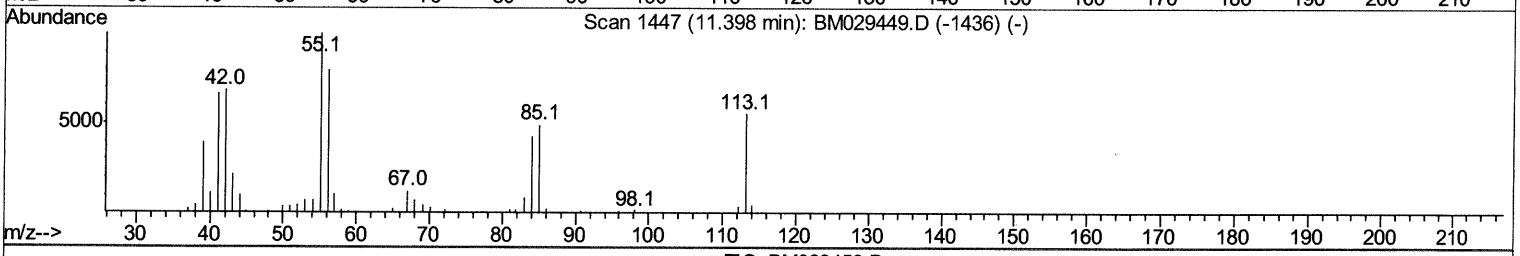

TIC: BM029459.D

(34) Caprolactam

11.392min (-0.006) 8.82ng/ul

response 17080

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	189.74
56.00	144.20	135.61
0.00	0.00	0.00

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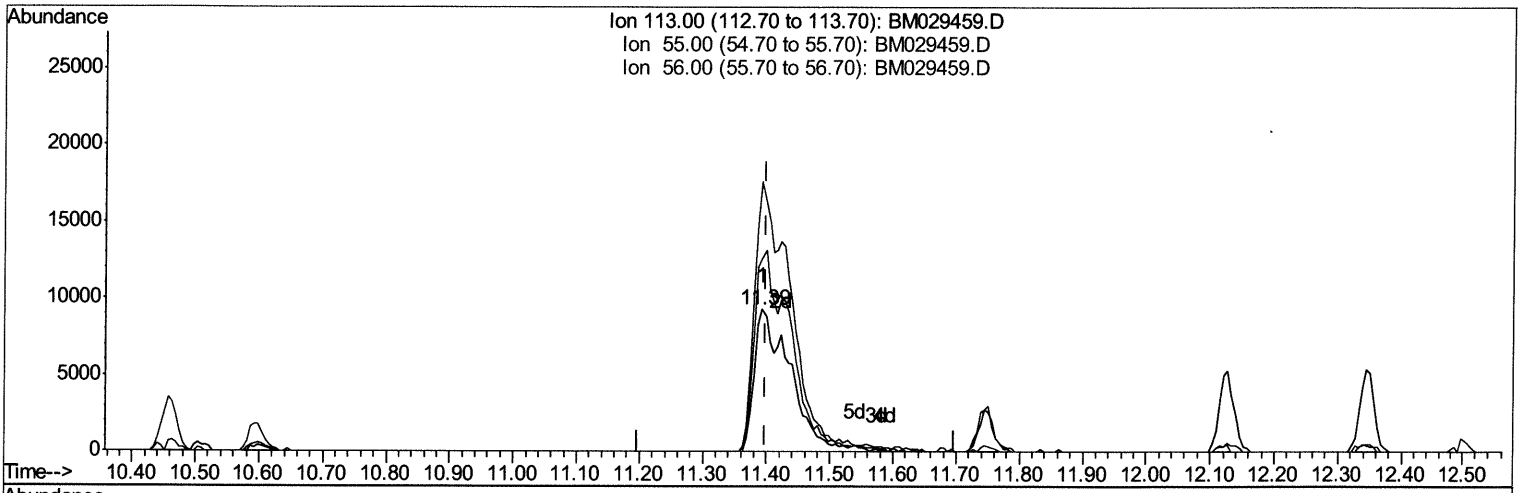

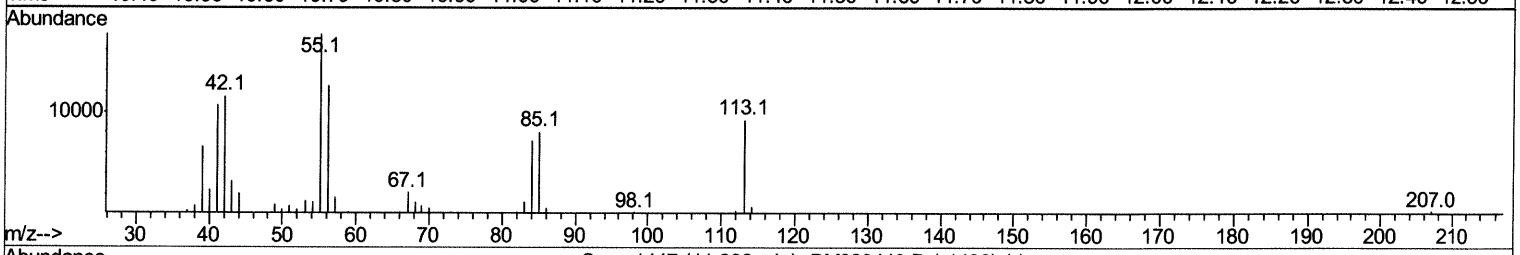

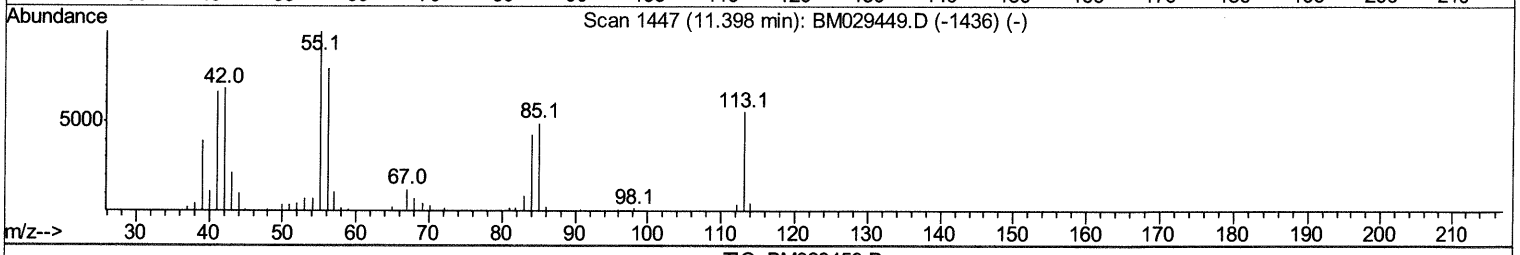

TIC: BM029459.D

(34) Caprolactam

11.392min (-0.006) 18.57ng/ul m 04/15/21 JU

response 35946

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	189.74
56.00	144.20	135.61
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	7.68	152	94004	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	392855	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	228167	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	424155	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	341100	20.00	ng/ul	0.00
87) Perylene-d12	23.45	264	326031	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	19444	7.50	ng/uL	0.00
4) Pyridine-d5	3.59	84	131270	19.11	ng/ul	0.00
7) Phenol-d5	6.85	99	160772	18.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	108752	19.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.21	132	127731	19.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	125110	19.00	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	58711	19.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	63292	19.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	118299	19.00	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	164069	18.52	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	323031	18.36	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	395052	18.82	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	58247	17.31	ng/ul	0.00
60) Fluorene-d10	15.31	176	267029	18.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	45496	16.53	ng/ul	0.00
73) Anthracene-d10	17.16	188	383776	18.72	ng/ul	0.00
80) Pyrene-d10	19.45	212	375509	20.77	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	340494	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	20973	7.821	ng/uL	95
5) Pyridine	3.61	79	135640	18.422	ng/ul	95
6) Benzaldehyde	6.83	77	118614	24.761	ng/ul	98
8) Phenol	6.87	94	173733	19.016	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.11	93	132131	19.035	ng/ul	99
12) 2-Chlorophenol	7.25	128	134918	19.635	ng/ul	99
13) 2-Methylphenol	8.12	108	122731	18.644	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.21	45	210860	19.416	ng/ul	99
16) Acetophenone	8.50	105	208472	19.085	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.49	70	120058	20.108	ng/ul	98
18) 4-Methylphenol	8.45	108	135628	19.124	ng/ul	94
19) Hexachloroethane	8.75	117	59904	19.300	ng/ul	98
22) Nitrobenzene	8.87	77	179234	19.369	ng/ul	99
23) Isophorone	9.40	82	299267	19.031	ng/ul	98
25) 2-Nitrophenol	9.58	139	69845	18.844	ng/ul	100
26) 2,4-Dimethylphenol	9.65	107	155251	19.064	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.88	93	176095	19.162	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	118472	19.025	ng/ul	98
30) Naphthalene	10.51	128	419338	19.171	ng/ul	100
32) 4-Chloroaniline	10.62	127	168354	18.405	ng/ul	99
33) Hexachlorobutadiene	10.80	225	68786	18.688	ng/ul	97
34) Caprolactam	11.39	113	35946m	18.571	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	132541	19.159 ng/ul	98
36) 2-Methylnaphthalene	12.13	142	287694	19.169 ng/ul	97
37) 1-Methylnaphthalene	12.35	142	288306	19.230 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	123759	18.534 ng/ul	99
40) Hexachlorocyclopentadiene	12.48	237	76707	16.635 ng/ul	99
41) 2,4,6-Trichlorophenol	12.75	196	82743	18.304 ng/ul	98
42) 2,4,5-Trichlorophenol	12.81	196	92551	19.078 ng/ul	96
43) 1,1'-Biphenyl	13.15	154	363619	18.769 ng/ul	99
44) 2-Chloronaphthalene	13.19	162	276073	18.665 ng/ul	99
45) 2-Nitroaniline	13.39	65	95998	18.830 ng/ul	97
47) Dimethylphthalate	13.78	163	334046	18.540 ng/ul	99
48) 2,6-Dinitrotoluene	13.90	165	65722	18.912 ng/ul	99
50) Acenaphthylene	14.04	152	414209	18.741 ng/ul	100
51) 3-Nitroaniline	14.22	138	68943	18.360 ng/ul	98
52) Acenaphthene	14.38	153	302302	18.596 ng/ul	97
53) 2,4-Dinitrophenol	14.43	184	33847	15.740 ng/ul	97
55) 4-Nitrophenol	14.53	109	61067	17.904 ng/ul	94
56) Dibenzofuran	14.72	168	402046	18.646 ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	93332	18.979 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	69762	18.458 ng/ul	97
59) Diethylphthalate	15.15	149	340767	18.108 ng/ul	100
61) Fluorene	15.37	166	337529	18.360 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.36	204	149472	18.194 ng/ul	98
63) 4-Nitroaniline	15.39	138	69700	19.103 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.44	198	49113	17.223 ng/ul#	98
67) N-Nitrosodiphenylamine	15.58	169	280831	19.065 ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	80393	18.762 ng/ul	98
69) Hexachlorobenzene	16.37	284	91531	18.962 ng/ul	96
70) Atrazine	16.53	200	91032	17.318 ng/ul	99
71) Pentachlorophenol	16.71	266	52748	17.004 ng/ul	95
72) Phenanthrene	17.10	178	488509	18.674 ng/ul	99
74) Anthracene	17.19	178	501654	18.711 ng/ul	100
75) Pentachlorobenzene	14.64	250	118809	18.893 ng/uL	99
76) Carbazole	17.46	167	438161	17.702 ng/ul	99
77) Di-n-butylphthalate	18.03	149	513950	17.232 ng/ul	99
79) Fluoranthene	19.12	202	495777	20.849 ng/ul	98
81) Pyrene	19.48	202	518836	20.615 ng/ul	99
82) Butylbenzylphthalate	20.39	149	203033	18.009 ng/ul	97
83) 3,3'-Dichlorobenzidine	21.16	252	141459	18.924 ng/ul	97
84) Benzo(a)anthracene	21.22	228	441126	19.459 ng/ul	100
85) Bis(2-ethylhexyl)phthalate	21.17	149	296284	16.809 ng/ul	100
86) Chrysene	21.27	228	430451	19.660 ng/ul	99
88) Di-n-octyl phthalate	22.03	149	477005	15.469 ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	434662	19.743 ng/ul	100
90) Benzo(k)fluoranthene	22.83	252	406406	18.424 ng/ul	99
92) Benzo(a)pyrene	23.35	252	371222	19.007 ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.66	276	471037	18.997 ng/ul	96
94) Dibenzo(a,h)anthracene	25.68	278	394677	18.917 ng/ul	100
95) Benzo(g,h,i)perylene	26.34	276	389741	19.427 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