Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
Data File : BN014287.D
Acq On : 15 Apr 2021 16:50
Operator : CG/JU
Sample : PB135733BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 01:37:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 15 15:18:04 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS733

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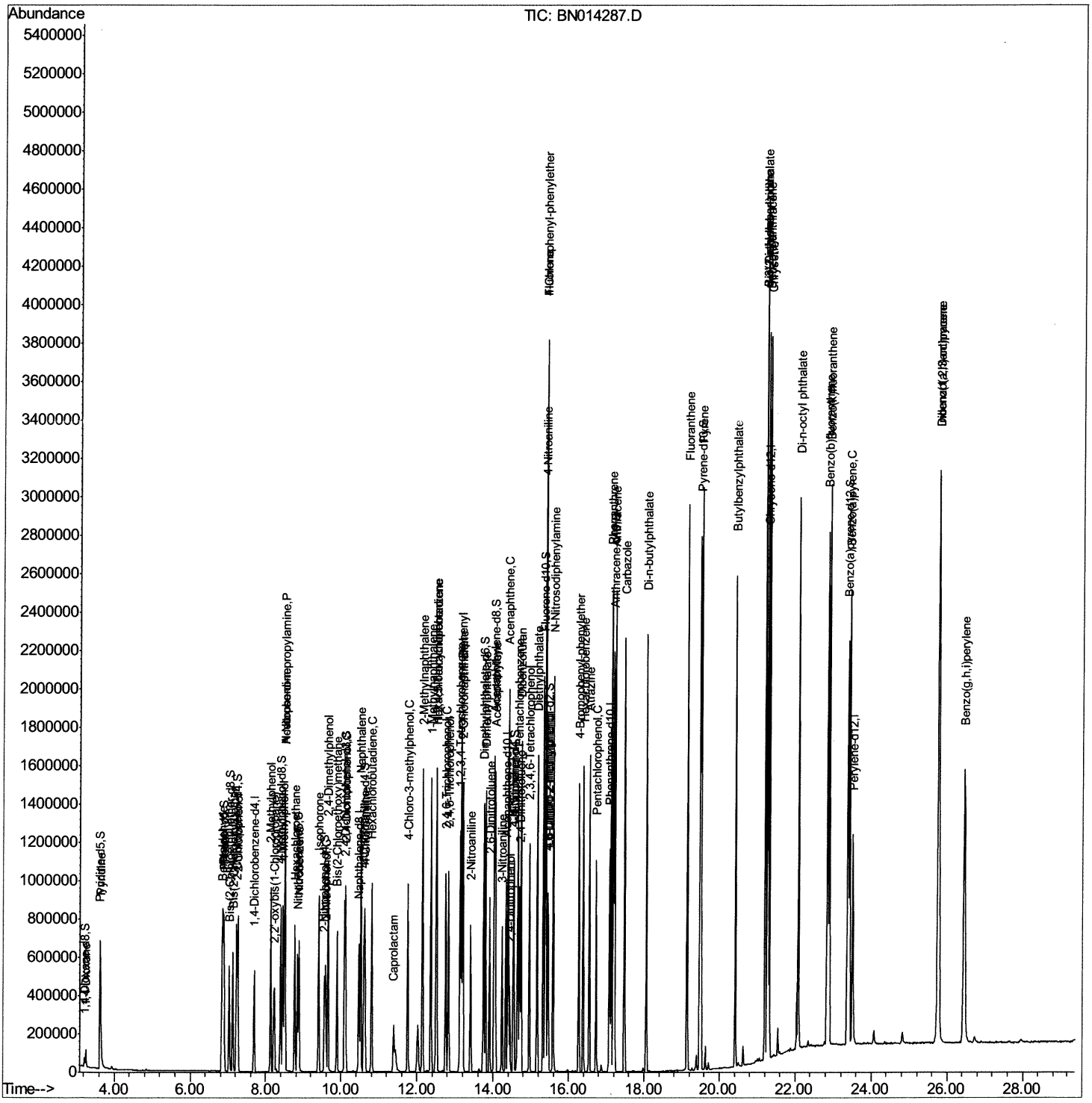

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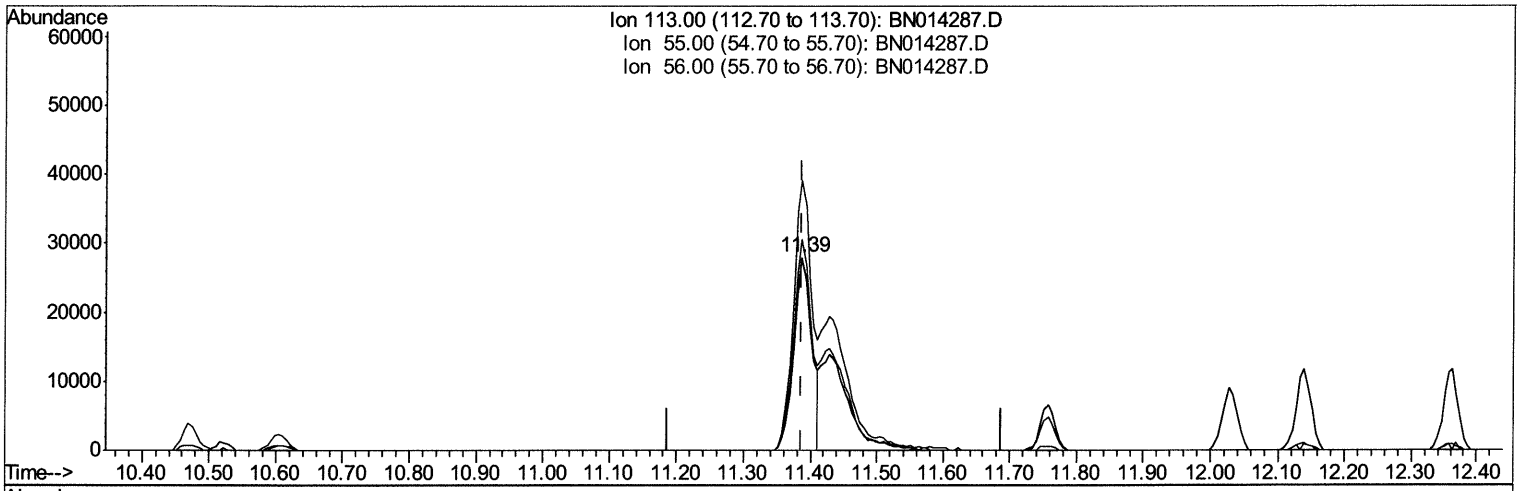

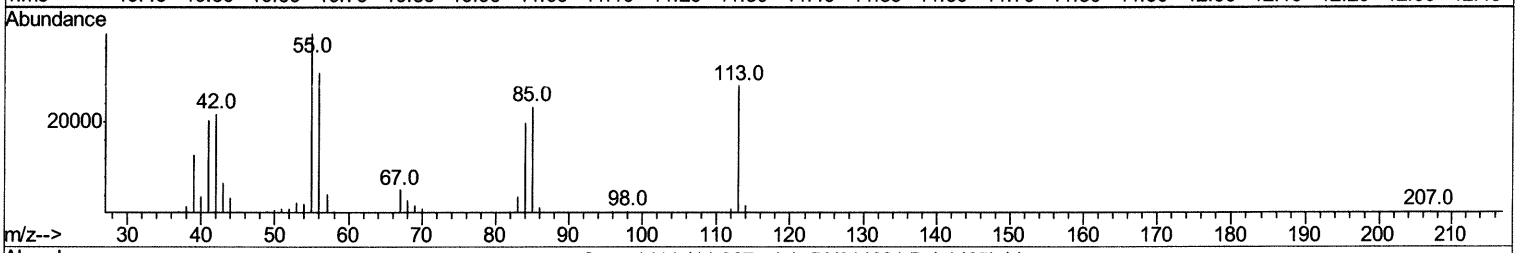

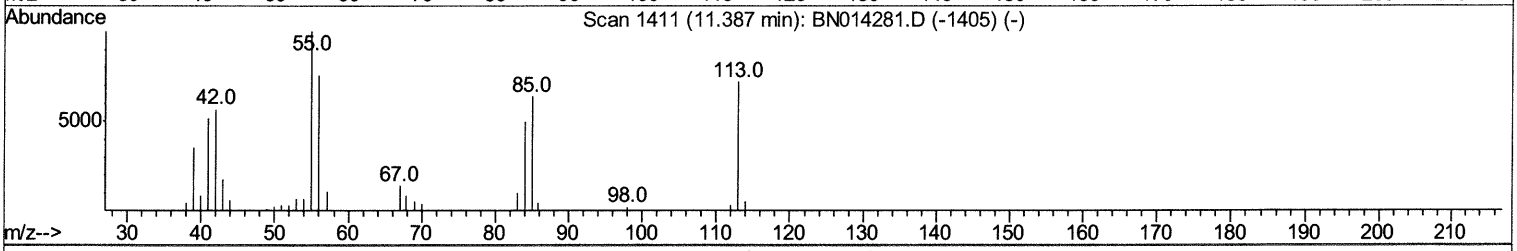

TIC: BN014287.D

(34) Caprolactam

11.387min (-0.000) 20.95ng/ul

response 51848

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	140.01
56.00	109.00	109.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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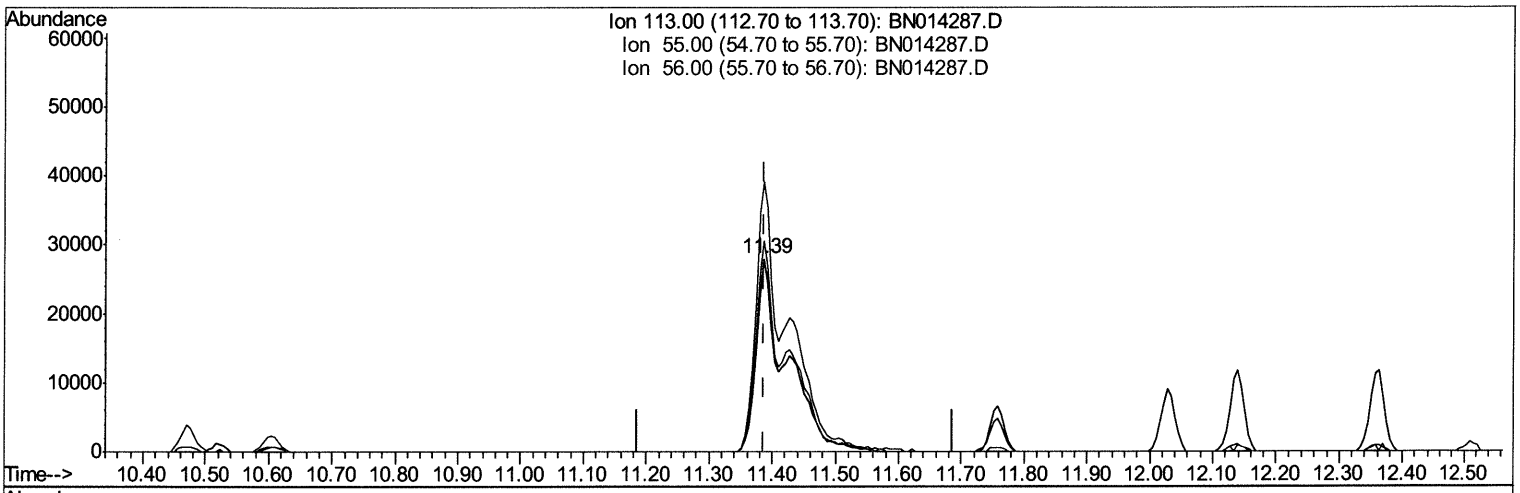

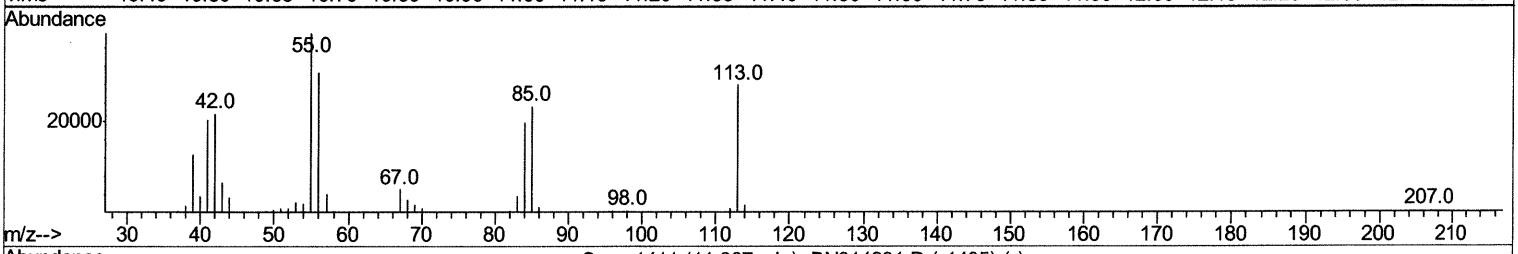

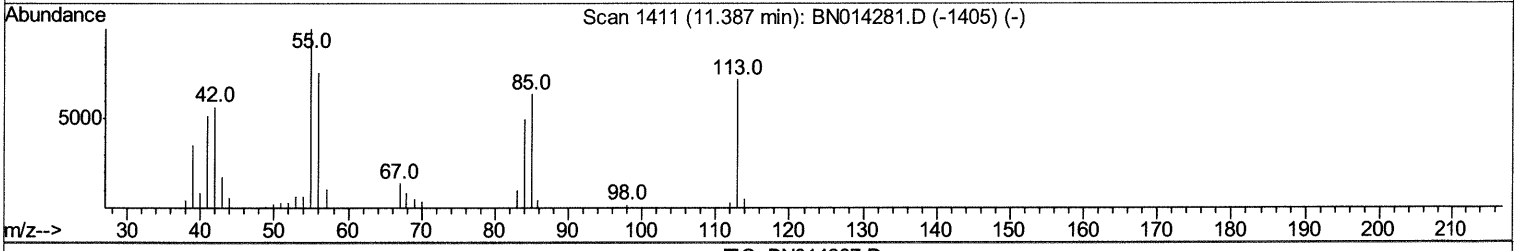

TIC: BN014287.D

(34) Caprolactam

11.387min (-0.000) 37.40ng/ul m 04/28/21 JU

response 92570

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	140.01
56.00	109.00	109.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	143749	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	567571	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	336549	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.08	188	664563	20.00	ng/ul	0.00
79) Chrysene-d12	21.28	240	707792	20.00	ng/ul	0.00
88) Perylene-d12	23.51	264	732269	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24313	6.44	ng/uL	0.00
4) Pyridine-d5	3.62	84	320002	31.98	ng/ul	0.00
7) Phenol-d5	6.86	99	416688	34.67	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.03	67	241505	33.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	339590	35.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	317767	34.88	ng/ul	0.00
21) Nitrobenzene-d5	8.84	128	149205	36.38	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	154749	38.53	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	317114	36.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	382766	29.82	ng/ul	0.00
46) Dimethylphthalate-d6	13.75	166	885454	36.32	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	1146149	39.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	171418	36.25	ng/ul	0.00
60) Fluorene-d10	15.33	176	770459	35.75	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	131061	36.85	ng/ul	0.00
73) Anthracene-d10	17.18	188	1220002	39.33	ng/ul	0.00
81) Pyrene-d10	19.48	212	1363646	39.69	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	1484249	38.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	48613	12.635	ng/uL#	95
5) Pyridine	3.63	79	335220	32.599	ng/ul	96
6) Benzaldehyde	6.84	77	219196	36.126	ng/ul	98
8) Phenol	6.89	94	438224	33.924	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	340006	33.467	ng/ul	99
12) 2-Chlorophenol	7.26	128	350644	34.696	ng/ul	97
13) 2-Methylphenol	8.13	108	319149	34.071	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.22	45	372405	33.160	ng/ul	99
16) Acetophenone	8.51	105	515186	33.647	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.50	70	249411	35.035	ng/ul	99
18) 4-Methylphenol	8.46	108	347473	34.252	ng/ul	97
19) Hexachloroethane	8.76	117	146697	34.532	ng/ul	97
22) Nitrobenzene	8.88	77	382073	35.216	ng/ul	99
23) Isophorone	9.40	82	662682	36.318	ng/ul	99
25) 2-Nitrophenol	9.59	139	177786	37.462	ng/ul	99
26) 2,4-Dimethylphenol	9.65	107	372512	35.259	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.89	93	428212	34.447	ng/ul	98
29) 2,4-Dichlorophenol	10.12	162	319080	35.936	ng/ul	98
30) Naphthalene	10.52	128	1076587	34.224	ng/ul	100
32) 4-Chloroaniline	10.63	127	386109	29.234	ng/ul	99
33) Hexachlorobutadiene	10.81	225	203075	35.030	ng/ul	97
34) Caprolactam	11.39	113	92570m	> 37.404	ng/ul	>

04/28/21 JU

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SLCS733

Manual Integrations APPROVED
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4/16/2021 11:30:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.76	107	321607	36.645	ng/ul	98
36) 2-Methylnaphthalene	12.14	142	745821	34.796	ng/ul	99
37) 1-Methylnaphthalene	12.36	142	719005	33.687	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	388533	34.108	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	224175	31.691	ng/ul	97
41) 2,4,6-Trichlorophenol	12.75	196	237119	36.016	ng/ul	97
42) 2,4,5-Trichlorophenol	12.82	196	259689	35.543	ng/ul	98
43) 1,1'-Biphenyl	13.16	154	923914	33.379	ng/ul	97
44) 2-Chloronaphthalene	13.20	162	727103	33.604	ng/ul	98
45) 2-Nitroaniline	13.40	65	191883	38.253	ng/ul	93
47) Dimethylphthalate	13.79	163	915535	36.172	ng/ul	99
48) 2,6-Dinitrotoluene	13.91	165	177450	39.977	ng/ul	98
50) Acenaphthylene	14.05	152	1076563	34.497	ng/ul	99
51) 3-Nitroaniline	14.23	138	175161	32.026	ng/ul	95
52) Acenaphthene	14.40	153	780787	34.300	ng/ul	98
53) 2,4-Dinitrophenol	14.44	184	84710	32.694	ng/ul	95
55) 4-Nitrophenol	14.55	109	143183	35.338	ng/ul	95
56) Dibenzofuran	14.73	168	1083137	34.191	ng/ul	99
57) 2,4-Dinitrotoluene	14.70	165	265040	41.333	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.96	232	211619	36.815	ng/ul	97
59) Diethylphthalate	15.17	149	933248	36.046	ng/ul	99
61) Fluorene	15.39	166	917515	35.729	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.38	204	450981	35.662	ng/ul	98
63) 4-Nitroaniline	15.40	138	200045	37.576	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.46	198	139208	36.964	ng/ul#	94
67) N-Nitrosodiphenylamine	15.59	169	768154	37.149	ng/ul	97
68) 4-Bromophenyl-phenylether	16.27	248	265653	37.785	ng/ul	97
69) Hexachlorobenzene	16.39	284	318529	37.955	ng/ul	95
70) Atrazine	16.55	200	274002	37.287	ng/ul	99
71) Pentachlorophenol	16.73	266	175051	35.875	ng/ul	91
72) Phenanthrene	17.12	178	1434389	36.968	ng/ul	100
74) Anthracene	17.22	178	1459858	37.042	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	378816	34.615	ng/uL	97
76) Pentachlorobenzene	14.65	250	367542	33.791	ng/uL	92
77) Carbazole	17.48	167	1336379	37.484	ng/ul	99
78) Di-n-butylphthalate	18.06	149	1567719	40.640	ng/ul	99
80) Fluoranthene	19.15	202	1674538	38.569	ng/ul	97
82) Pyrene	19.51	202	1769064	38.266	ng/ul	98
83) Butylbenzylphthalate	20.42	149	659225	43.430	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.20	252	495776	39.165	ng/ul	93
85) Benzo(a)anthracene	21.26	228	1793210	39.210	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.20	149	1074283	43.423	ng/ul	99
87) Chrysene	21.32	228	1751679	39.515	ng/ul	98
89) Di-n-octyl phthalate	22.09	149	1752777	38.338	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	1828519	37.325	ng/ul	99
91) Benzo(k)fluoranthene	22.89	252	1860593	38.152	ng/ul	99
93) Benzo(a)pyrene	23.42	252	1607054	37.078	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.76	276	2148838	37.406	ng/ul	99
95) Dibenzo(a,h)anthracene	25.77	278	1818709	38.349	ng/ul	95
96) Benzo(g,h,i)perylene	26.44	276	1734515	37.362	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