Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072621\
Data File : BP006344.D
Acq On : 26 Jul 2021 18:33
Operator : CG/JU
Sample : PB137837BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 27 01:19:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS837

Manual Integrations APPROVED
mohammad
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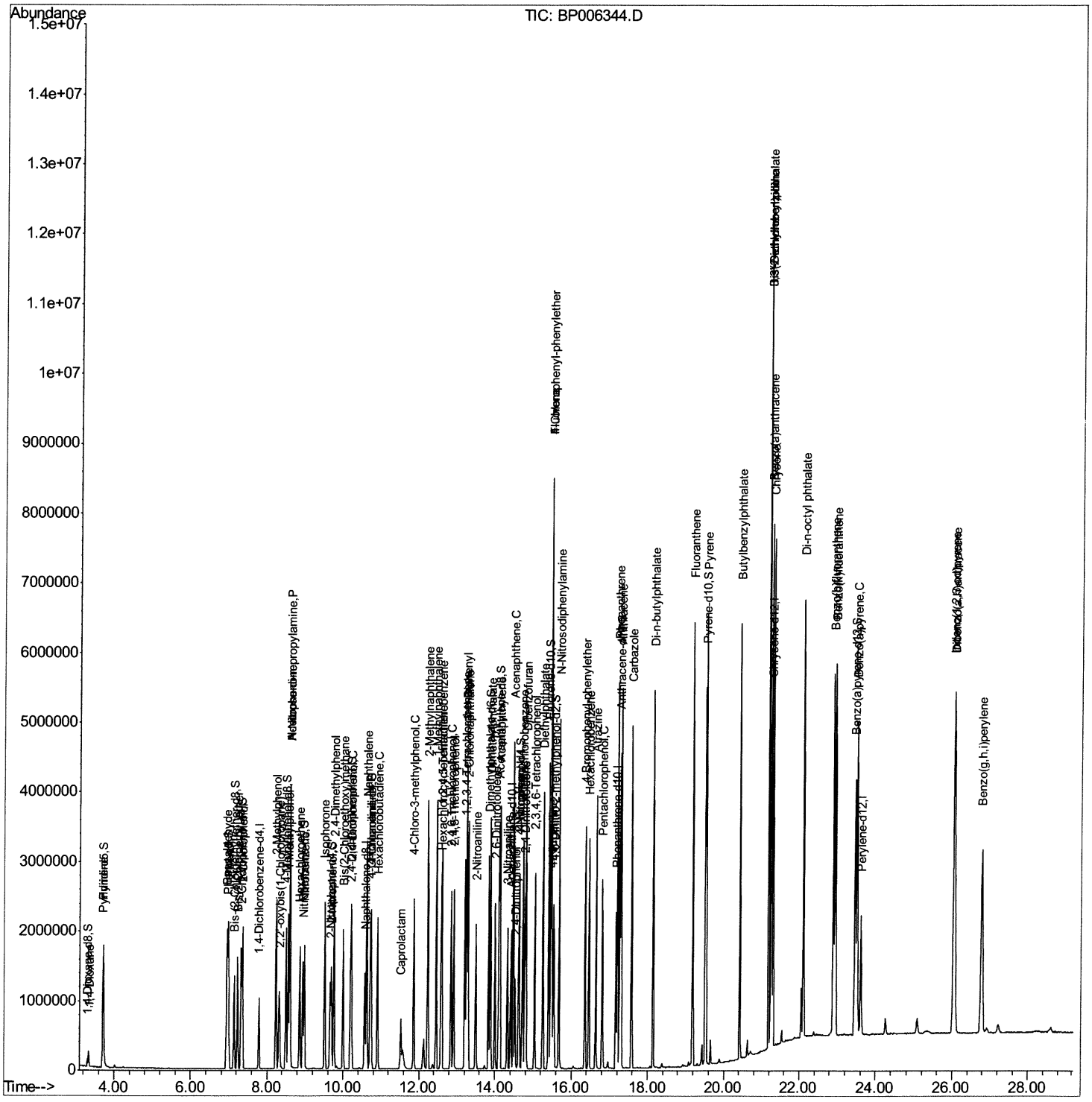

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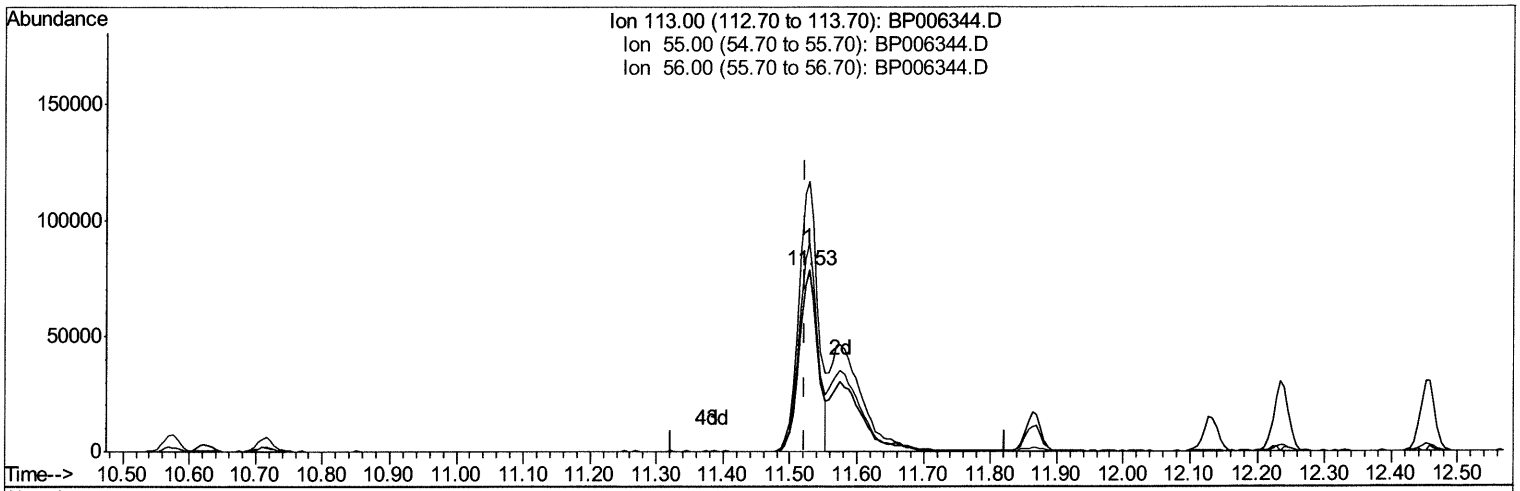

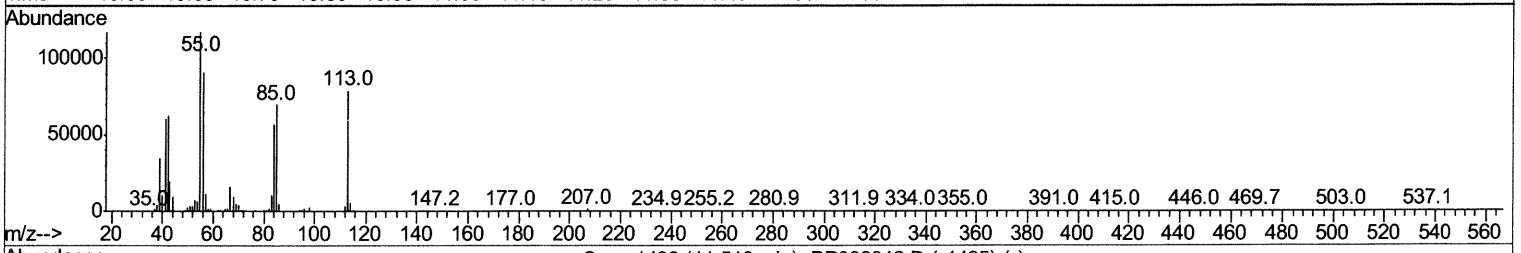

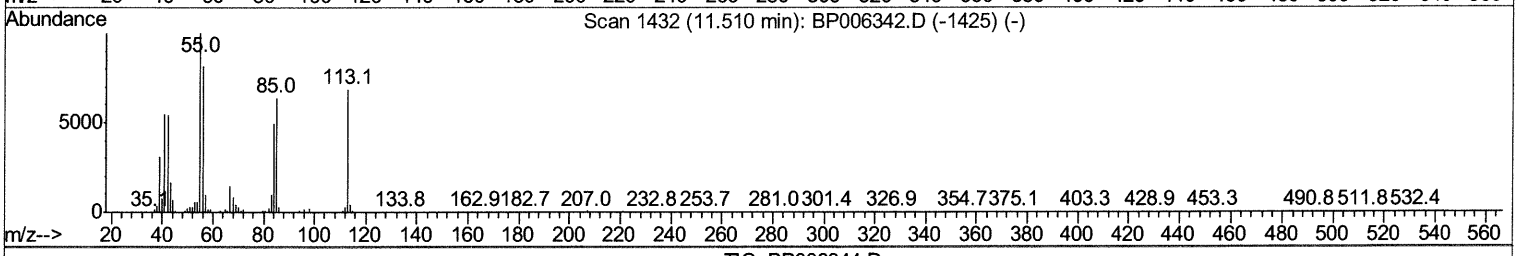

TIC: BP006344.D

(34) Caprolactam

11.528min (+0.006) 29.44ng/ul

response 150930

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	148.66
56.00	111.50	114.71
0.00	0.00	0.00

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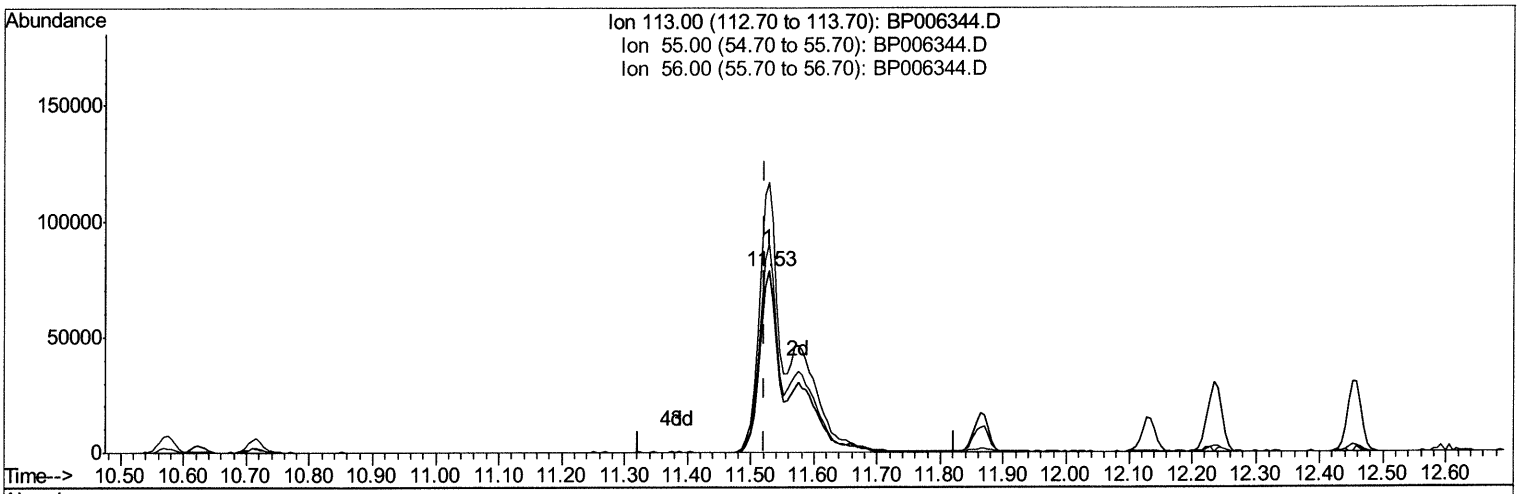

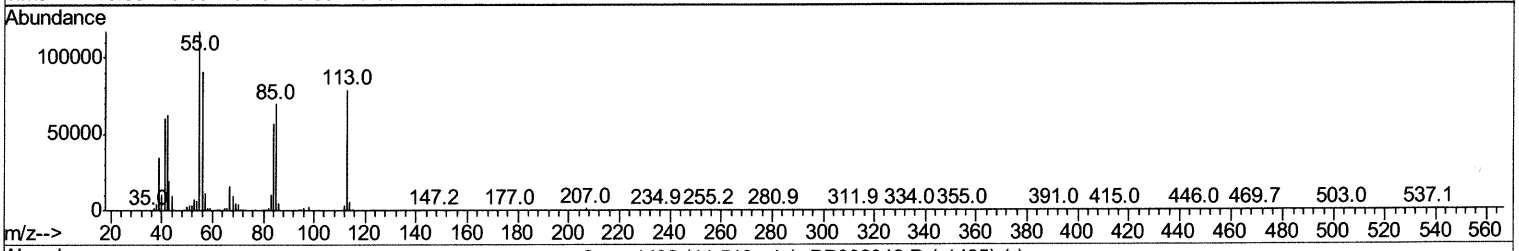

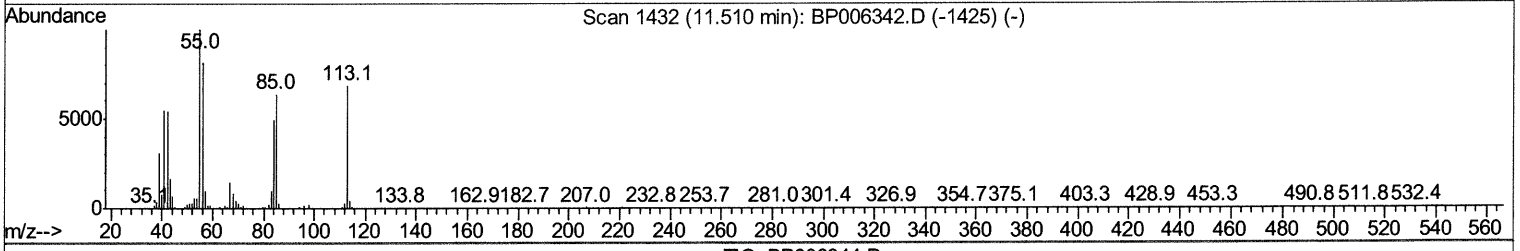

TIC: BP006344.D

(34) Caprolactam

11.528min (+0.006) 49.25ng/ul m 07/29/21 JU

response 252484

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	148.66
56.00	111.50	114.71
0.00	0.00	0.00

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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	7.79	152	252554	20.00	ng/ul	0.00
20) Naphthalene-d8	10.58	136	1086272	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.42	164	622575	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1187431	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	1094344	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	1086229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	53403	7.89	ng/uL	0.00
4) Pyridine-d5	3.70	84	776516	38.66	ng/ul	0.00
7) Phenol-d5	6.96	99	967043	40.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	608652	41.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	744048	42.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.50	113	763101	40.91	ng/ul	0.00
21) Nitrobenzene-d5	8.95	128	359707	44.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.66	143	359233	46.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.20	165	645674	42.66	ng/ul	0.00
31) 4-Chloroaniline-d4	10.72	131	916840	36.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	1905377	43.00	ng/ul	0.00
49) Acenaphthylene-d8	14.11	160	2365644	43.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	379826	43.17	ng/ul	0.00
60) Fluorene-d10	15.41	176	1567332	42.08	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	280649	42.40	ng/ul	0.00
73) Anthracene-d10	17.27	188	2358860	44.01	ng/ul	0.00
81) Pyrene-d10	19.51	212	2577910	45.80	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	2467245	44.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	120250	16.834	ng/uL	98
5) Pyridine	3.72	79	864455	41.269	ng/ul	99
6) Benzaldehyde	6.93	77	668394	51.648	ng/ul	95
8) Phenol	6.99	94	1094656	45.148	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.22	93	846606	44.391	ng/ul	98
12) 2-Chlorophenol	7.35	128	827675	46.327	ng/ul	97
13) 2-Methylphenol	8.23	108	787088	44.486	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.32	45	977758	45.890	ng/ul	100
16) Acetophenone	8.61	105	1255445	43.768	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.60	70	695206	46.328	ng/ul	97
18) 4-Methylphenol	8.56	108	843175	44.380	ng/ul	99
19) Hexachloroethane	8.86	117	342046	46.804	ng/ul	97
22) Nitrobenzene	8.99	77	1021619	48.682	ng/ul	98
23) Isophorone	9.52	82	1798765	47.947	ng/ul	99
25) 2-Nitrophenol	9.69	139	423485	49.726	ng/ul	99
26) 2,4-Dimethylphenol	9.76	107	908755	44.994	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.00	93	1109994	46.074	ng/ul	98
29) 2,4-Dichlorophenol	10.22	162	692595	46.646	ng/ul	98
30) Naphthalene	10.62	128	2547991	45.210	ng/ul	100
32) 4-Chloroaniline	10.74	127	971141	39.567	ng/ul	100
33) Hexachlorobutadiene	10.91	225	407963	45.038	ng/ul	99
34) Caprolactam	11.53	113	252484m	49.246	ng/ul	07/29/21 JU

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	857494	48.378	ng/ul	99
36) 2-Methylnaphthalene	12.23	142	1733736	44.894	ng/ul	99
37) 1-Methylnaphthalene	12.46	142	1690458	43.488	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	759405	45.263	ng/ul	99
40) Hexachlorocyclopentadiene	12.58	237	432573	39.633	ng/ul	96
41) 2,4,6-Trichlorophenol	12.85	196	506948	48.762	ng/ul	99
42) 2,4,5-Trichlorophenol	12.92	196	552475	48.569	ng/ul	99
43) 1,1'-Biphenyl	13.25	154	2104071	45.085	ng/ul	99
44) 2-Chloronaphthalene	13.29	162	1595502	45.280	ng/ul	99
45) 2-Nitroaniline	13.50	65	560223	53.822	ng/ul	99
47) Dimethylphthalate	13.89	163	2052236	47.185	ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	416953	52.438	ng/ul	97
50) Acenaphthylene	14.14	152	2448559	46.187	ng/ul	100
51) 3-Nitroaniline	14.33	138	440157	47.244	ng/ul	98
52) Acenaphthene	14.48	153	1771341	45.540	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	217483	46.117	ng/ul	96
55) 4-Nitrophenol	14.63	109	364500	51.220	ng/ul	95
56) Dibenzofuran	14.82	168	2372207	45.476	ng/ul	97
57) 2,4-Dinitrotoluene	14.79	165	597093	52.548	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.04	232	440848	49.697	ng/ul	93
59) Diethylphthalate	15.26	149	2201443	48.868	ng/ul	99
61) Fluorene	15.47	166	1976740	46.069	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.47	204	903676	45.175	ng/ul	99
63) 4-Nitroaniline	15.49	138	485387	53.045	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.55	198	311909	48.200	ng/ul#	96
67) N-Nitrosodiphenylamine	15.68	169	1696555	48.095	ng/ul	100
68) 4-Bromophenyl-phenylether	16.36	248	529123	55.641	ng/ul	96
69) Hexachlorobenzene	16.47	284	600087	47.054	ng/ul	99
70) Atrazine	16.65	200	603753	49.458	ng/ul	98
71) Pentachlorophenol	16.81	266	377026	47.026	ng/ul	99
72) Phenanthrene	17.21	178	3022031	47.396	ng/ul	98
74) Anthracene	17.30	178	3054431	47.244	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.21	216	753465	46.291	ng/uL	100
76) Pentachlorobenzene	14.73	250	742233	46.776	ng/uL	98
77) Carbazole	17.57	167	2846200	48.126	ng/ul	98
78) Di-n-butylphthalate	18.15	149	3705717	52.427	ng/ul	99
80) Fluoranthene	19.18	202	3391211	48.895	ng/ul	97
82) Pyrene	19.54	202	3466332	48.163	ng/ul	99
83) Butylbenzylphthalate	20.43	149	1652744	55.968	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	1082571	44.897	ng/ul	100
85) Benzo(a)anthracene	21.25	228	3257588	48.039	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	2525046	54.613	ng/ul	99
87) Chrysene	21.30	228	3137974	48.277	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	4201415	55.503	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3343850	48.466	ng/ul	99
91) Benzo(k)fluoranthene	22.95	252	3330326	50.859	ng/ul	99
93) Benzo(a)pyrene	23.51	252	3018570	50.053	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.04	276	3812603	49.388	ng/ul	98
95) Dibenzo(a,h)anthracene	26.07	278	3224364	49.315	ng/ul	99
96) Benzo(g,h,i)perylene	26.79	276	3163461	49.597	ng/ul	98

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

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