Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072821\
Data File : BP006384.D
Acq On : 28 Jul 2021 11:48
Operator : CG/JU
Sample : PB137929BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 12:41:42 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 :
SLCS929

Manual Integrations APPROVED
mohammad
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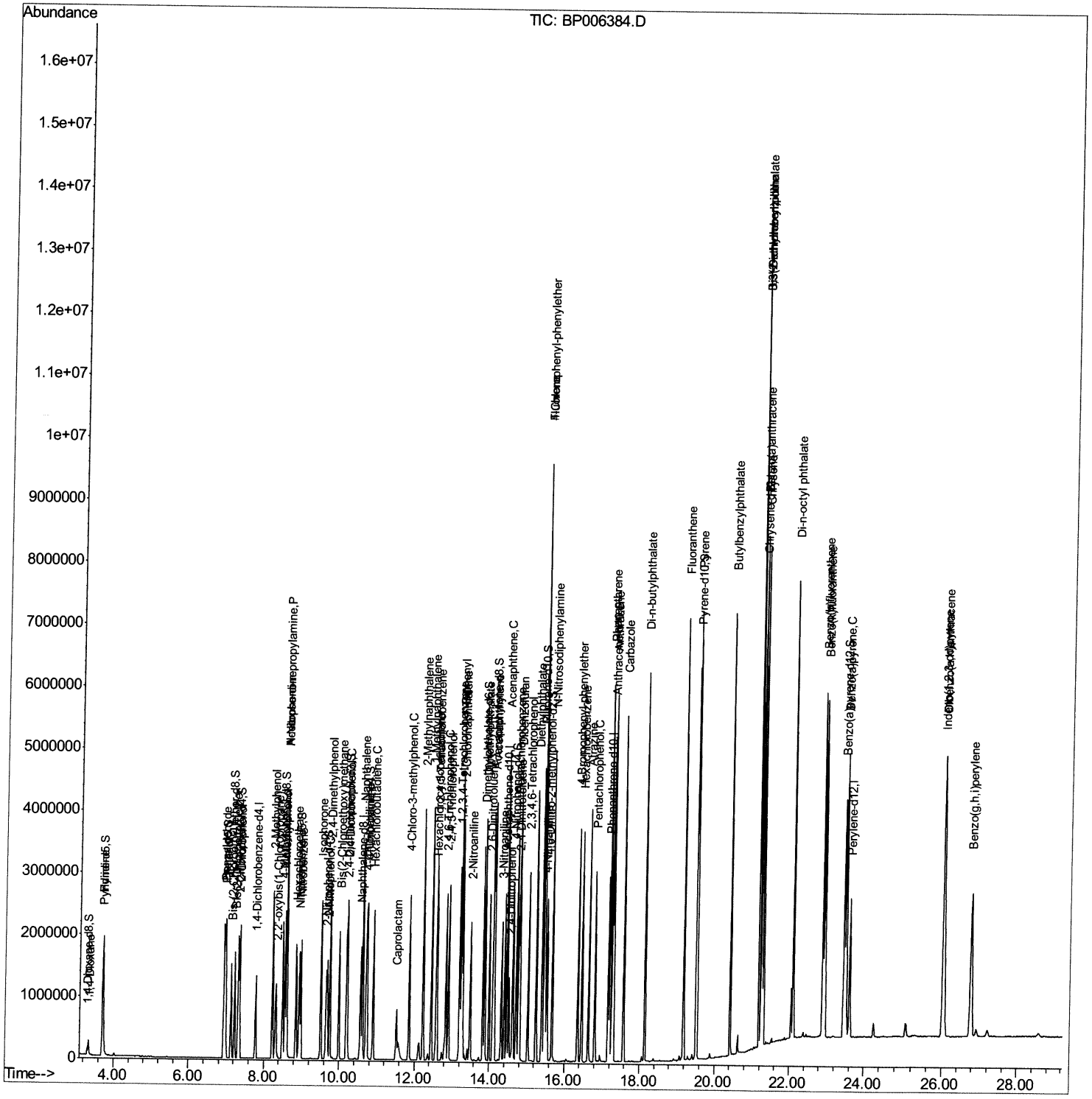

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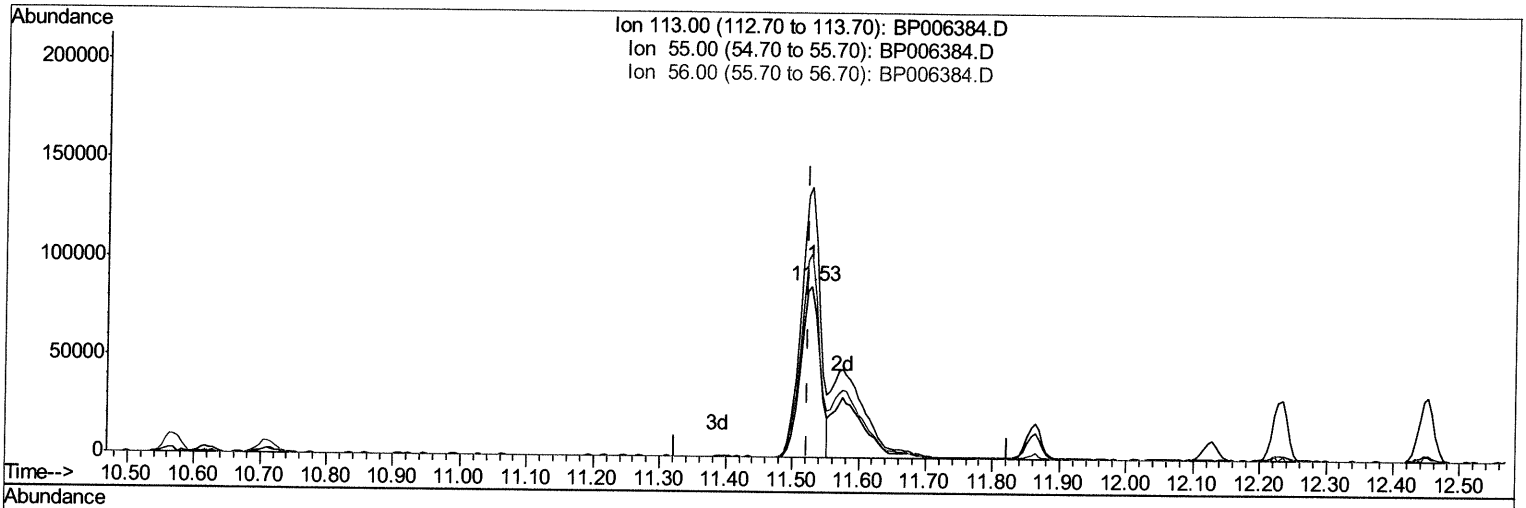

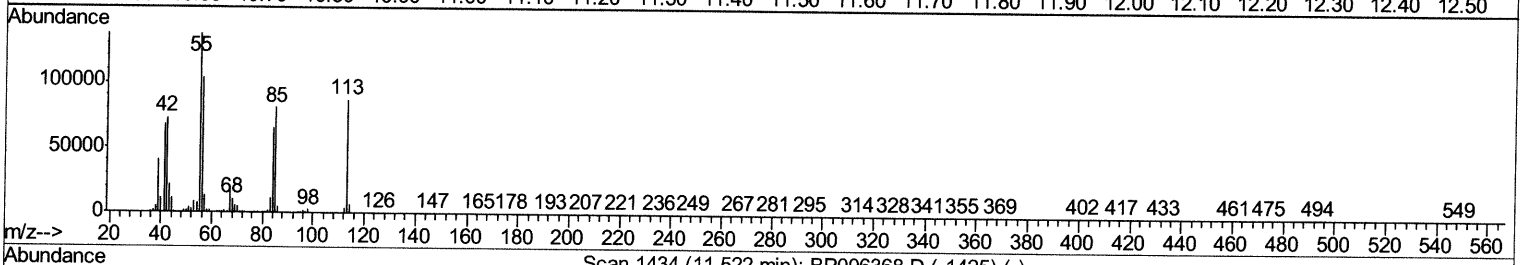

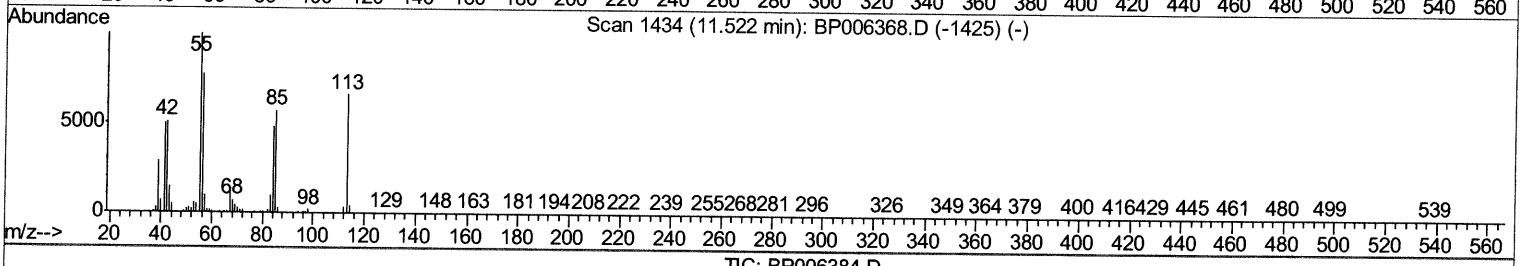

TIC: BP006384.D

(34) Caprolactam

11.528min (+0.006) 25.30ng/ul

response 173599

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	158.01
56.00	111.50	119.35
0.00	0.00	0.00

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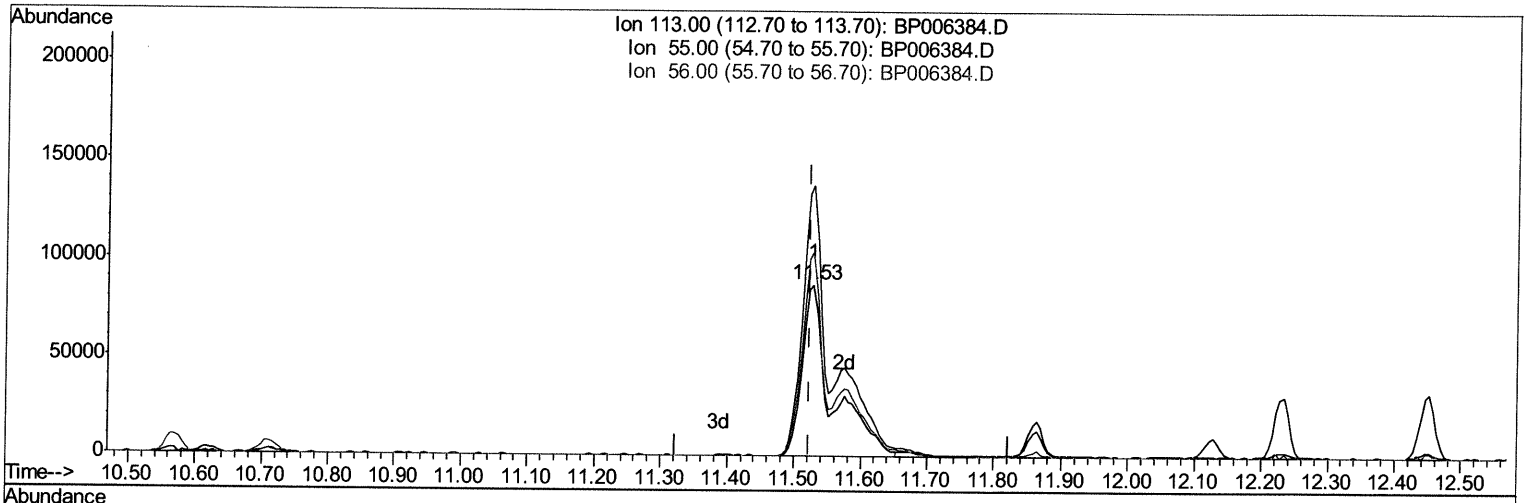

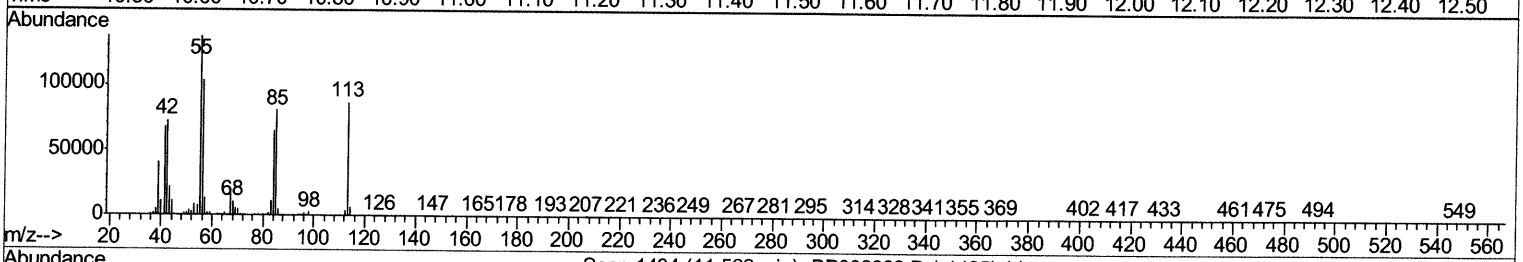

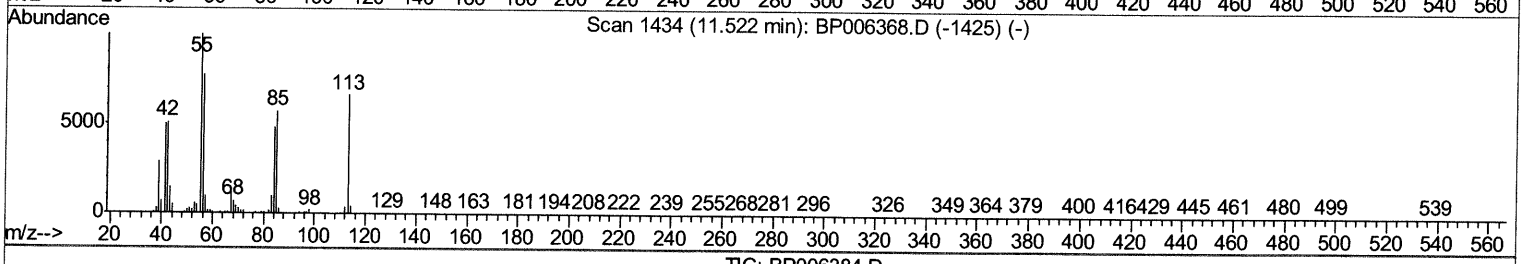

TIC: BP006384.D

(34) Caprolactam

11.528min (+0.006) 39.55ng/ul m 07/30/21 JU

response 271430

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	158.01
56.00	111.50	119.35
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	7.78	152	337555	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.57	136	1453999	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.41	164	850931	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.16	188	1642204	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	1543769	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	1459940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	63567	7.03	ng/uL	0.00
4) Pyridine-d5	3.70	84	891746	33.22	ng/ul	0.00
7) Phenol-d5	6.96	99	1086004	34.26	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	684109	34.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	836348	35.51	ng/ul	-0.01
15) 4-Methylphenol-d8	8.49	113	851681	34.16	ng/ul	0.00
21) Nitrobenzene-d5	8.94	128	400615	37.00	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.66	143	414805	40.13	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	720426	35.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.71	131	1049728	31.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.83	166	2145120	35.42	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	2644258	35.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	427458	35.55	ng/ul	0.00
60) Fluorene-d10	15.41	176	1737006	34.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	329054	35.94	ng/ul	0.00
73) Anthracene-d10	17.27	188	2700346	36.43	ng/ul	0.00
81) Pyrene-d10	19.51	212	2970200	37.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	2663854	35.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	135359	14.177	ng/uL	98
5) Pyridine	3.72	79	960718	34.315	ng/ul	96
6) Benzaldehyde	6.93	77	732957	42.375	ng/ul	99
8) Phenol	6.99	94	1174290	36.237	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.22	93	911576	35.762	ng/ul	99
12) 2-Chlorophenol	7.35	128	899775	37.681	ng/ul	98
13) 2-Methylphenol	8.23	108	847983	35.859	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.32	45	1055401	37.061	ng/ul	99
16) Acetophenone	8.61	105	1345332	35.091	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.60	70	741997	36.995	ng/ul	96
18) 4-Methylphenol	8.56	108	911610	35.900	ng/ul	98
19) Hexachloroethane	8.85	117	376195	38.515	ng/ul	99
22) Nitrobenzene	8.98	77	1087772	38.725	ng/ul	99
23) Isophorone	9.52	82	1961545	39.062	ng/ul	99
25) 2-Nitrophenol	9.69	139	469208	41.161	ng/ul	99
26) 2,4-Dimethylphenol	9.75	107	994877	36.800	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.00	93	1185833	36.773	ng/ul	99
29) 2,4-Dichlorophenol	10.22	162	753602	37.919	ng/ul	98
30) Naphthalene	10.62	128	2718737	36.039	ng/ul	100
32) 4-Chloroaniline	10.73	127	1068187	32.514	ng/ul	99
33) Hexachlorobutadiene	10.90	225	439922	36.284	ng/ul	99
34) Caprolactam	11.53	113	271430m	39.552	ng/ul	99

07/30/21 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	920066	38.780 ng/ul	98
36) 2-Methylnaphthalene	12.23	142	1860625	35.995 ng/ul	100
37) 1-Methylnaphthalene	12.45	142	1817672	34.935 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	816536	35.607 ng/ul	99
40) Hexachlorocyclopentadiene	12.58	237	466305	31.258 ng/ul	98
41) 2,4,6-Trichlorophenol	12.84	196	550844	38.766 ng/ul	99
42) 2,4,5-Trichlorophenol	12.91	196	603366	38.809 ng/ul	99
43) 1,1'-Biphenyl	13.25	154	2255898	35.366 ng/ul	99
44) 2-Chloronaphthalene	13.29	162	1715077	35.612 ng/ul	99
45) 2-Nitroaniline	13.50	65	620893	43.643 ng/ul	97
47) Dimethylphthalate	13.88	163	2200260	37.012 ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	456142	41.972 ng/ul	96
50) Acenaphthylene	14.13	152	2640812	36.445 ng/ul	100
51) 3-Nitroaniline	14.32	138	498274	39.130 ng/ul	98
52) Acenaphthene	14.47	153	1898359	35.708 ng/ul	98
53) 2,4-Dinitrophenol	14.53	184	229002	35.528 ng/ul	98
55) 4-Nitrophenol	14.63	109	380556	39.125 ng/ul	95
56) Dibenzofuran	14.81	168	2521441	35.366 ng/ul	97
57) 2,4-Dinitrotoluene	14.78	165	654981	42.173 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.04	232	484458	39.957 ng/ul	96
59) Diethylphthalate	15.25	149	2385906	38.749 ng/ul	99
61) Fluorene	15.46	166	2124258	36.221 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.46	204	975588	35.682 ng/ul	99
63) 4-Nitroaniline	15.49	138	562260	44.957 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.55	198	345253	38.578 ng/ul#	97
67) N-Nitrosodiphenylamine	15.68	169	1816051	37.225 ng/ul	100
68) 4-Bromophenyl-phenylether	16.36	248	575259	43.741 ng/ul	95
69) Hexachlorobenzene	16.46	284	658456	37.333 ng/ul	99
70) Atrazine	16.65	200	660652	39.132 ng/ul	99
71) Pentachlorophenol	16.81	266	431098	38.880 ng/ul	99
72) Phenanthrene	17.21	178	3281303	37.211 ng/ul	98
74) Anthracene	17.30	178	3335386	37.303 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	810845	36.021 ng/uL	99
76) Pentachlorobenzene	14.73	250	796426	36.292 ng/uL	99
77) Carbazole	17.57	167	3126167	38.221 ng/ul	99
78) Di-n-butylphthalate	18.14	149	4176199	42.722 ng/ul	99
80) Fluoranthene	19.18	202	3777054	38.604 ng/ul	98
82) Pyrene	19.53	202	3829052	37.715 ng/ul	97
83) Butylbenzylphthalate	20.43	149	1894233	45.471 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.19	252	1137821	33.451 ng/ul	100
85) Benzo(a)anthracene	21.25	228	3648128	38.136 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	2940873	45.090 ng/ul	98
87) Chrysene	21.30	228	3471613	37.861 ng/ul	99
89) Di-n-octyl phthalate	22.10	149	4918137	48.340 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3632829	39.176 ng/ul	100
91) Benzo(k)fluoranthene	22.95	252	3473535	39.467 ng/ul	99
93) Benzo(a)pyrene	23.51	252	3115679	38.439 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.04	276	3481369	33.553 ng/ul	99
95) Dibenzo(a,h)anthracene	26.06	278	2951714	33.589 ng/ul	100
96) Benzo(g,h,i)perylene	26.79	276	2789382	32.538 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