Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072721\
Data File : BP006368.D
Acq On : 27 Jul 2021 17:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 27 18:24:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 27 17:19:04 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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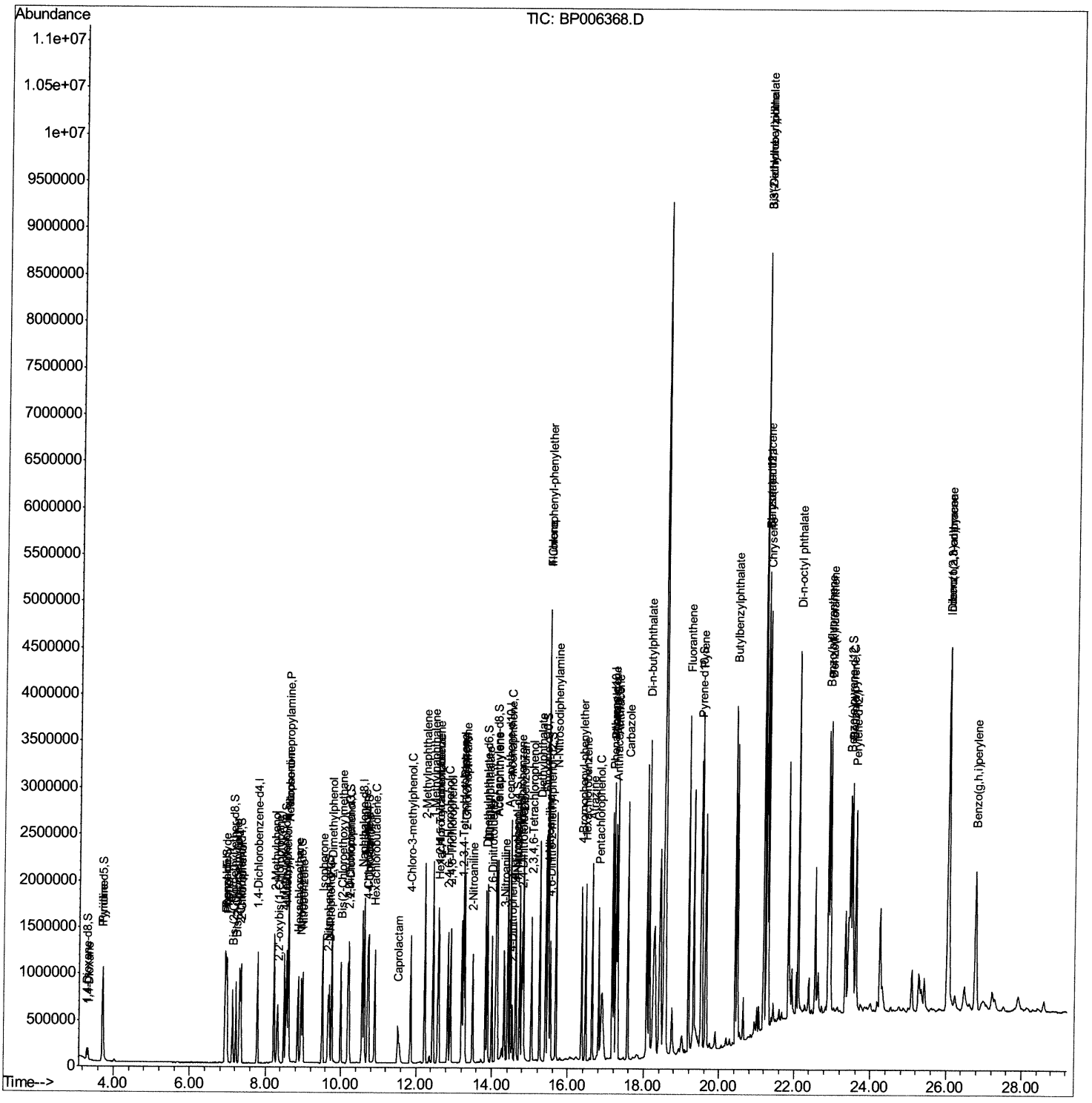

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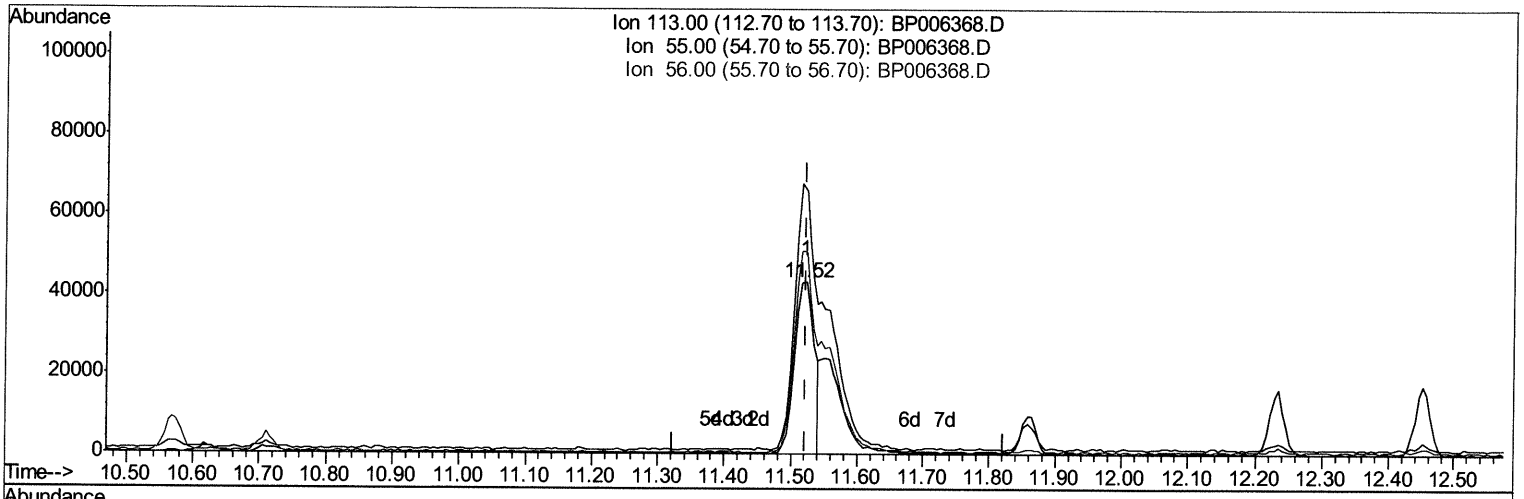

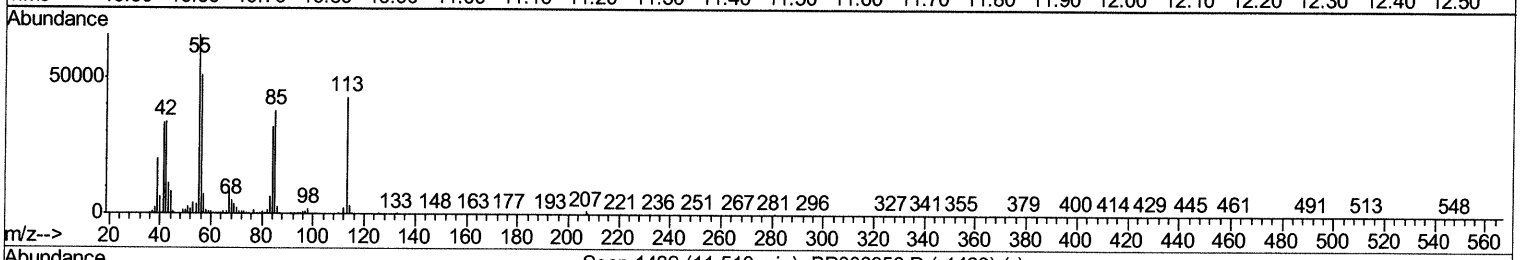

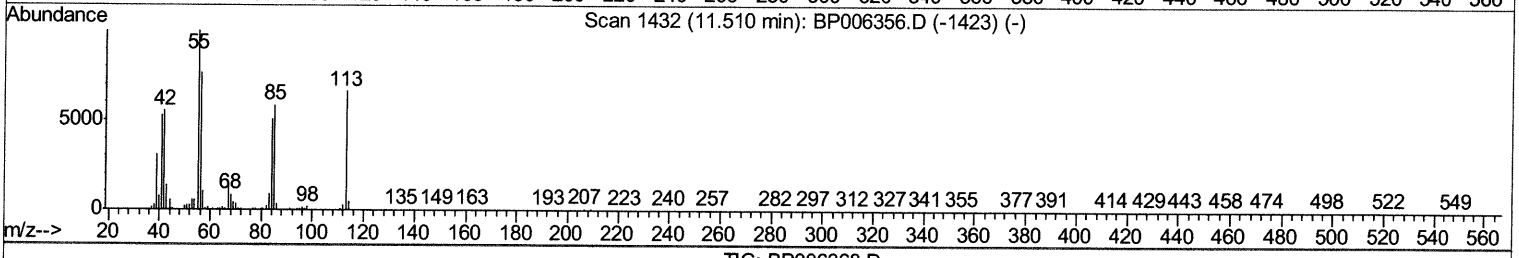

TIC: BP006368.D

(34) Caprolactam

11.522min (-0.000) 14.38ng/ul

response 87937

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	152.98
56.00	111.50	118.37
0.00	0.00	0.00

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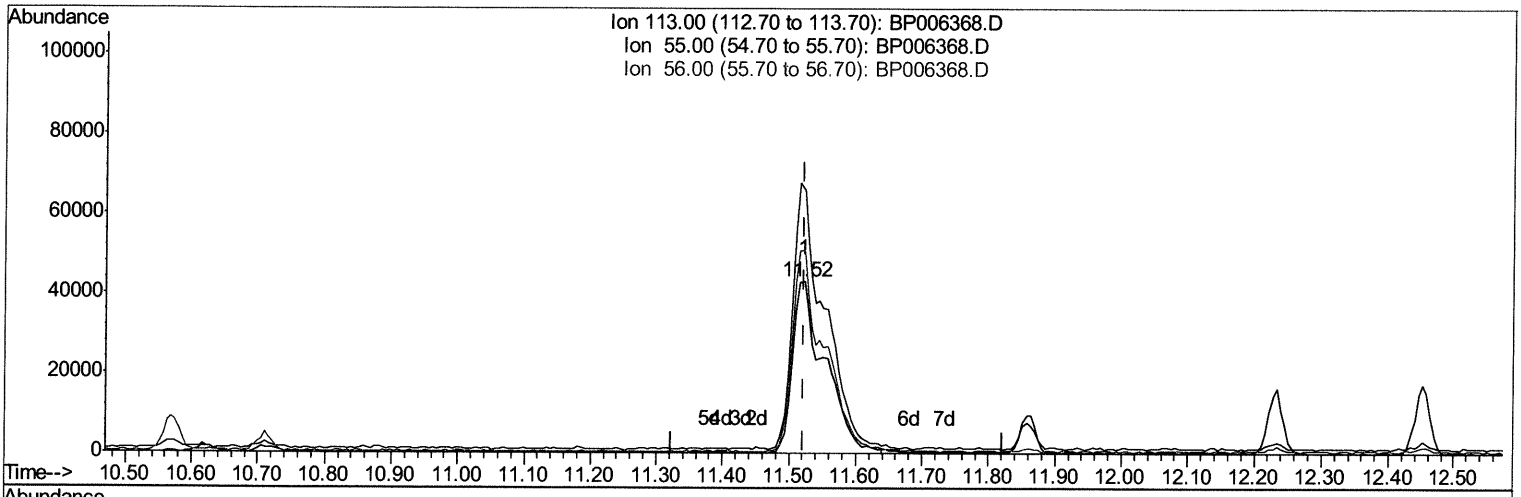

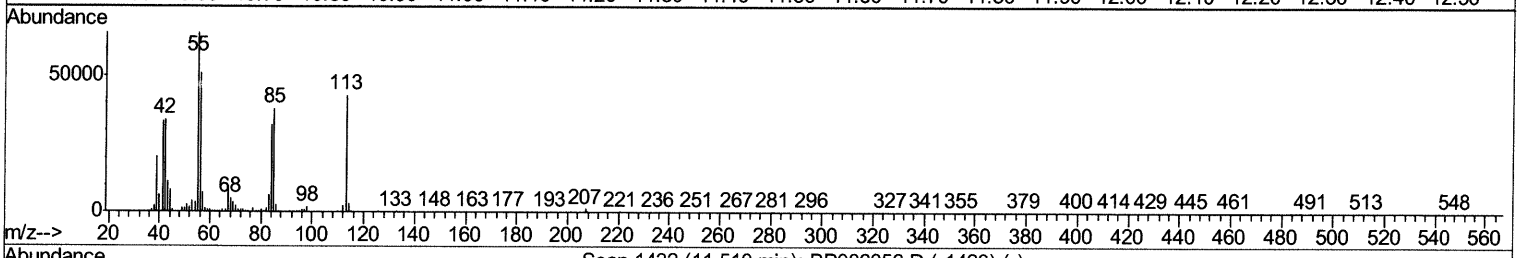

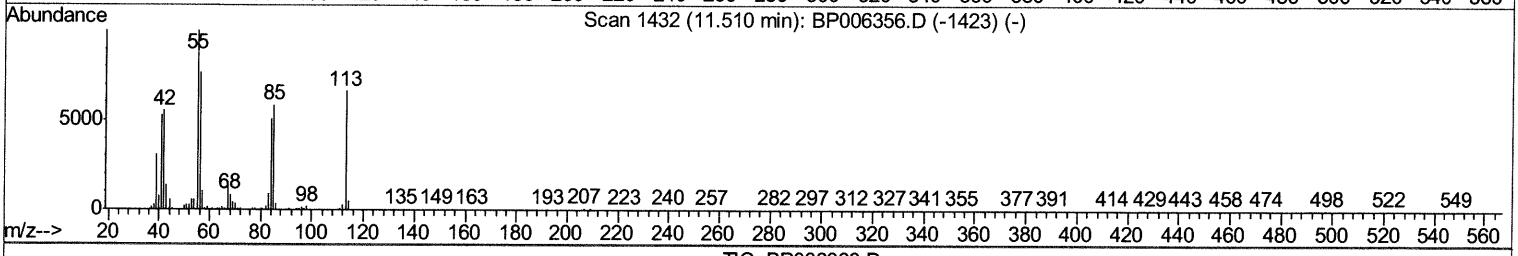

TIC: BP006368.D

(34) Caprolactam

11.522min (-0.000) 23.71ng/ul m 07/29/21 JU

response 144965

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	152.98
56.00	111.50	118.37
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	7.79	152	304156	20.00	ng/ul	0.00
20) Naphthalene-d8	10.57	136	1295382	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.42	164	745399	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1468605	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	1413816	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	1432406	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	66988	8.22	ng/uL	0.00
4) Pyridine-d5	3.70	84	508258	21.01	ng/ul	0.00
7) Phenol-d5	6.96	99	563664	19.73	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	355667	20.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	432374	20.37	ng/ul	-0.01
15) 4-Methylphenol-d8	8.49	113	437129	19.46	ng/ul	0.00
21) Nitrobenzene-d5	8.94	128	205924	21.35	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.66	143	213954	23.23	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	383625	21.26	ng/ul	0.00
31) 4-Chloroaniline-d4	10.71	131	580361	19.53	ng/ul	0.00
46) Dimethylphthalate-d6	13.83	166	1095662	20.65	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	1288931	19.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	222654	21.14	ng/ul	0.00
60) Fluorene-d10	15.41	176	885634	19.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	155857	19.04	ng/ul	0.00
73) Anthracene-d10	17.26	188	1346393	20.31	ng/ul	0.00
81) Pyrene-d10	19.51	212	1460056	20.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	1559921	21.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	73150	8.503	ng/uL	97
5) Pyridine	3.72	79	515121	20.419	ng/ul	99
6) Benzaldehyde	6.93	77	389302	24.978	ng/ul	97
8) Phenol	6.99	94	596981	20.445	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.22	93	470530	20.486	ng/ul	99
12) 2-Chlorophenol	7.35	128	455819	21.185	ng/ul	97
13) 2-Methylphenol	8.23	108	433080	20.325	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.32	45	532309	20.745	ng/ul	99
16) Acetophenone	8.61	105	719739	20.835	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.60	70	385581	21.336	ng/ul	97
18) 4-Methylphenol	8.56	108	466980	20.409	ng/ul	99
19) Hexachloroethane	8.86	117	187786	21.336	ng/ul	98
22) Nitrobenzene	8.98	77	563423	22.514	ng/ul	99
23) Isophorone	9.51	82	1010239	22.581	ng/ul	99
25) 2-Nitrophenol	9.69	139	240176	23.649	ng/ul	98
26) 2,4-Dimethylphenol	9.75	107	527055	21.883	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.00	93	612091	21.305	ng/ul	99
29) 2,4-Dichlorophenol	10.22	162	383587	21.664	ng/ul	98
30) Naphthalene	10.62	128	1419333	21.118	ng/ul	99
32) 4-Chloroaniline	10.73	127	588555	20.108	ng/ul	100
33) Hexachlorobutadiene	10.90	225	221951	20.548	ng/ul	99
34) Caprolactam	11.52	113	144965m	> 23.711	ng/ul	>

CG 7/29/21 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	473413	22.397	ng/ul	100
36) 2-Methylnaphthalene	12.23	142	955854	20.756	ng/ul	100
37) 1-Methylnaphthalene	12.45	142	950671	20.509	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	413586	20.589	ng/ul	99
40) Hexachlorocyclopentadiene	12.58	237	236098	18.067	ng/ul	99
41) 2,4,6-Trichlorophenol	12.85	196	284002	22.816	ng/ul	99
42) 2,4,5-Trichlorophenol	12.91	196	302075	22.180	ng/ul	99
43) 1,1'-Biphenyl	13.25	154	1170102	20.941	ng/ul	100
44) 2-Chloronaphthalene	13.29	162	890226	21.101	ng/ul	99
45) 2-Nitroaniline	13.49	65	313211	25.133	ng/ul	99
47) Dimethylphthalate	13.88	163	1128737	21.676	ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	227167	23.862	ng/ul	97
50) Acenaphthylene	14.13	152	1365793	21.518	ng/ul	100
51) 3-Nitroaniline	14.32	138	263296	23.604	ng/ul	95
52) Acenaphthene	14.47	153	984632	21.143	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	109114	19.325	ng/ul	98
55) 4-Nitrophenol	14.63	109	200601	23.544	ng/ul	94
56) Dibenzofuran	14.81	168	1309613	20.969	ng/ul	98
57) 2,4-Dinitrotoluene	14.78	165	325519	23.927	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.04	232	254003	23.916	ng/ul	98
59) Diethylphthalate	15.25	149	1262288	23.403	ng/ul	99
61) Fluorene	15.46	166	1086003	21.139	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.46	204	495423	20.685	ng/ul	96
63) 4-Nitroaniline	15.49	138	257350	23.490	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.54	198	162908	20.355	ng/ul	95
67) N-Nitrosodiphenylamine	15.68	169	928906	21.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.36	248	295294	25.107	ng/ul	98
69) Hexachlorobenzene	16.46	284	332972	21.110	ng/ul	99
70) Atrazine	16.64	200	338770	22.438	ng/ul	99
71) Pentachlorophenol	16.81	266	221589	22.347	ng/ul	100
72) Phenanthrene	17.21	178	1658830	21.035	ng/ul	99
74) Anthracene	17.30	178	1702646	21.293	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.21	216	417406	20.735	ng/uL	98
76) Pentachlorobenzene	14.73	250	409523	20.867	ng/uL	100
77) Carbazole	17.57	167	1582869	21.640	ng/ul	99
78) Di-n-butylphthalate	18.14	149	2260738	25.861	ng/ul	99
80) Fluoranthene	19.18	202	1887837	21.068	ng/ul	98
82) Pyrene	19.53	202	1922250	20.674	ng/ul	98
83) Butylbenzylphthalate	20.43	149	998650	26.176	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	594129	19.072	ng/ul	100
85) Benzo(a)anthracene	21.25	228	1890966	21.585	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	1612722	26.999	ng/ul	99
87) Chrysene	21.30	228	1825455	21.738	ng/ul	100
89) Di-n-octyl phthalate	22.10	149	2570259	25.749	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	1944879	21.376	ng/ul	100
91) Benzo(k)fluoranthene	22.94	252	1904181	22.052	ng/ul	99
93) Benzo(a)pyrene	23.51	252	1697763	21.348	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.04	276	2104057	20.669	ng/ul	98
95) Dibenzo(a,h)anthracene	26.06	278	1755646	20.362	ng/ul	99
96) Benzo(g,h,i)perylene	26.78	276	1698529	20.194	ng/ul	97

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

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