Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP080721\
Data File : BP006562.D
Acq On : 07 Aug 2021 11:34
Operator : CG/JU
Sample : PB138048BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 14:28:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 07 13:59:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS048

Manual Integrations APPROVED
mohammad
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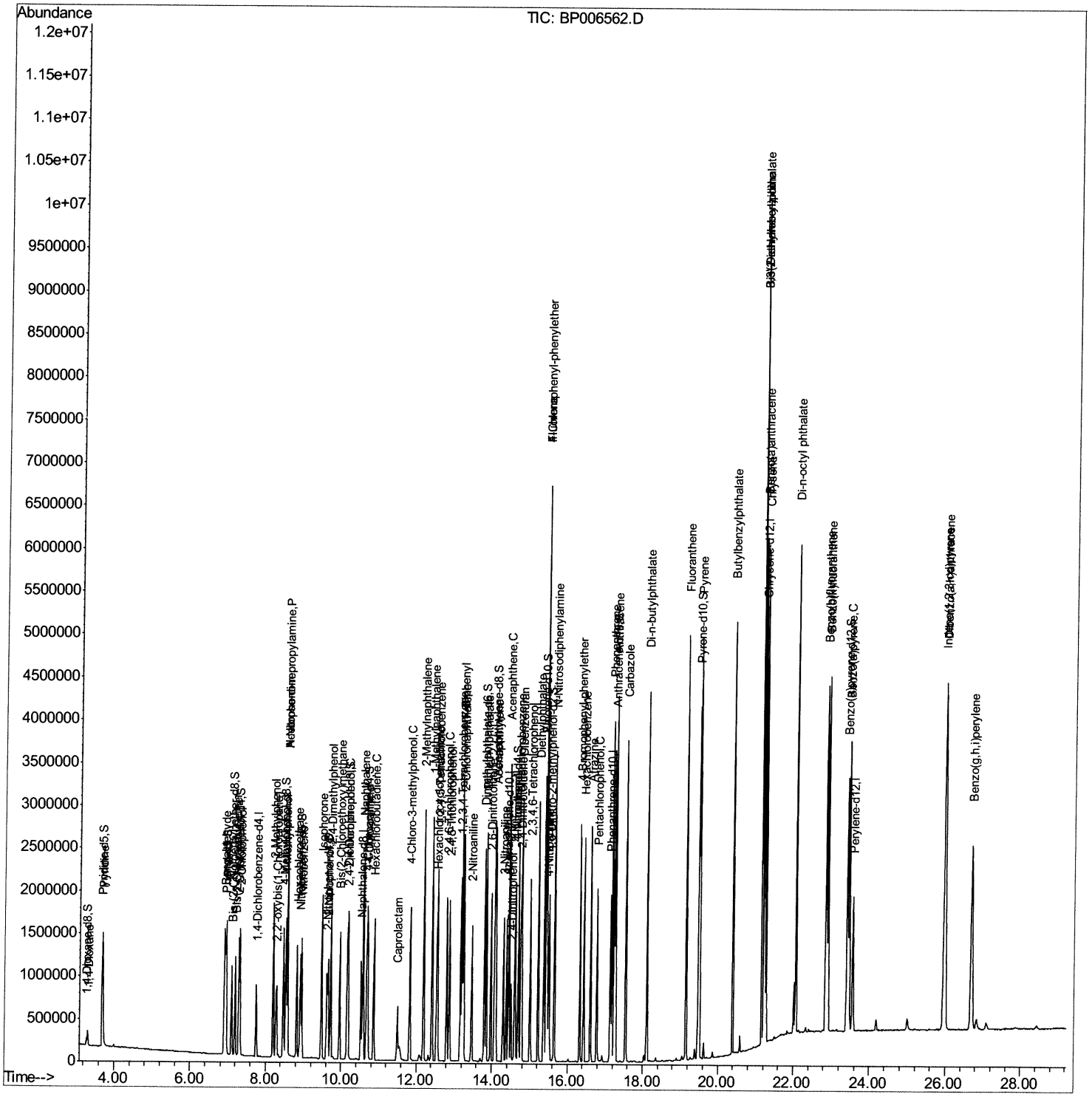

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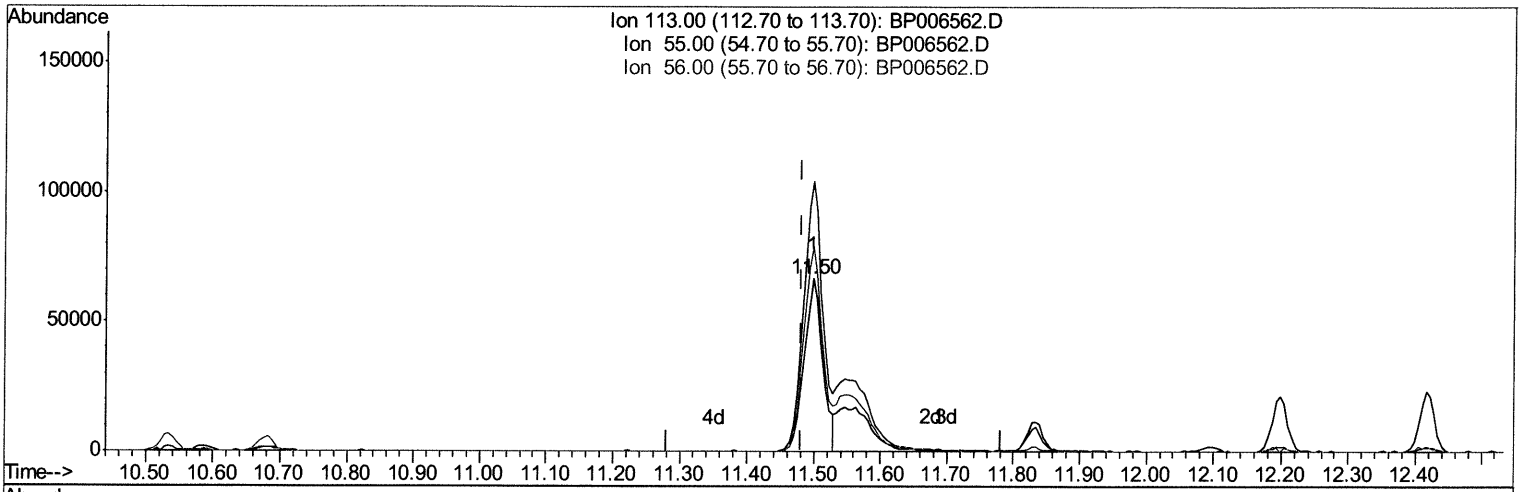

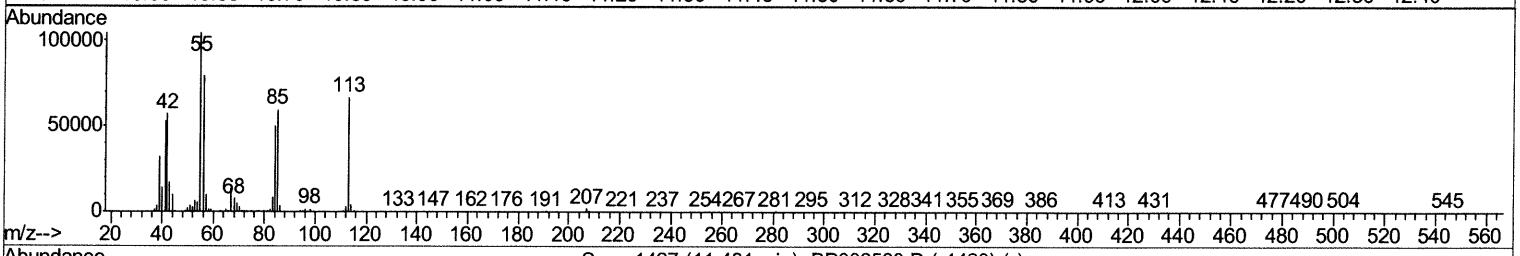

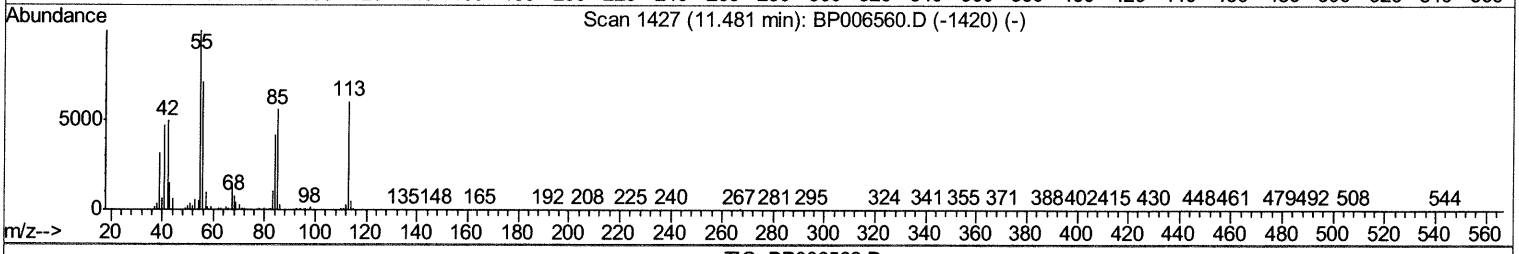

TIC: BP006562.D

(34) Caprolactam

11.499min (+0.018) 30.85ng/ul

response 128965

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	156.44
56.00	118.80	118.85
0.00	0.00	0.00

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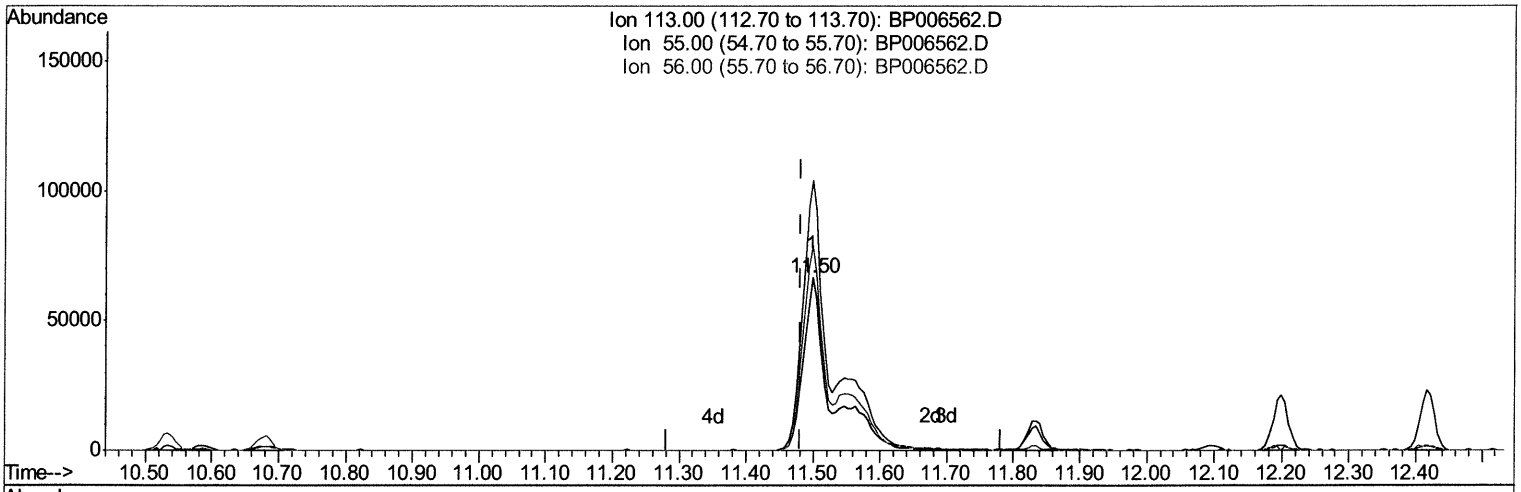

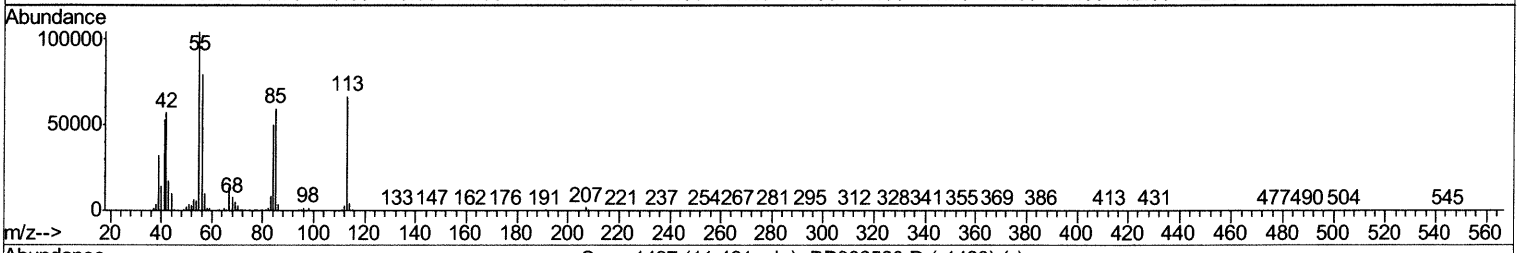

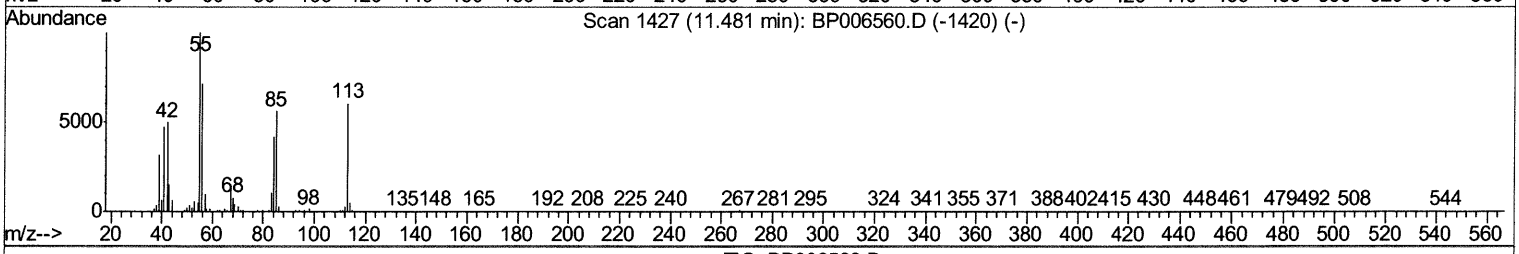

TIC: BP006562.D

(34) Caprolactam

11.499min (+0.018) 45.47ng/ul m

response 190075

JG 8/11/21

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	156.44
56.00	118.80	118.85
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	7.75	152	202510	20.00	ng/ul	0.00
20) Naphthalene-d8	10.53	136	885724	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	508283	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	1004936	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	971868	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	1005052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	42853	7.90	ng/uL	0.00
4) Pyridine-d5	3.68	84	615354	38.21	ng/ul	0.00
7) Phenol-d5	6.93	99	720636	37.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	459950	38.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.29	132	553058	39.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	566605	37.88	ng/ul	0.01
21) Nitrobenzene-d5	8.91	128	274816	41.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.62	143	283526	45.02	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.16	165	474811	38.48	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	725511	35.71	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	1443822	39.91	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	1803164	40.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	291382	40.57	ng/ul	0.01
60) Fluorene-d10	15.37	176	1181819	38.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	223350	39.87	ng/ul	0.00
73) Anthracene-d10	17.23	188	1826952	40.27	ng/ul	0.00
81) Pyrene-d10	19.47	212	2005639	40.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	2001825	39.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	94453	16.490	ng/uL	92
5) Pyridine	3.70	79	657690	39.157	ng/ul	97
6) Benzaldehyde	6.90	77	499559	48.141	ng/ul	99
8) Phenol	6.96	94	785869	40.422	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.19	93	602395	39.392	ng/ul	99
12) 2-Chlorophenol	7.32	128	593566	41.434	ng/ul	99
13) 2-Methylphenol	8.20	108	557058	39.265	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.29	45	720872	42.195	ng/ul	100
16) Acetophenone	8.58	105	928391	40.365	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	522177	43.397	ng/ul	98
18) 4-Methylphenol	8.53	108	604131	39.656	ng/ul	98
19) Hexachloroethane	8.82	117	260260	44.414	ng/ul	97
22) Nitrobenzene	8.95	77	772795	45.163	ng/ul	100
23) Isophorone	9.48	82	1384232	45.252	ng/ul	100
25) 2-Nitrophenol	9.66	139	318884	45.921	ng/ul	99
26) 2,4-Dimethylphenol	9.72	107	665703	40.423	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.96	93	804797	40.969	ng/ul	99
29) 2,4-Dichlorophenol	10.19	162	493021	40.723	ng/ul	100
30) Naphthalene	10.59	128	1820528	39.616	ng/ul	100
32) 4-Chloroaniline	10.70	127	742372	37.095	ng/ul	99
33) Hexachlorobutadiene	10.87	225	294291	39.845	ng/ul	98
34) Caprolactam	11.50	113	190075m	45.468	ng/ul	

JU 8/11/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	627267	43.402	ng/ul	99
36) 2-Methylnaphthalene	12.20	142	1234851	39.216	ng/ul	99
37) 1-Methylnaphthalene	12.42	142	1208305	38.123	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	533039	38.915	ng/ul	98
40) Hexachlorocyclopentadiene	12.55	237	303784	34.092	ng/ul	98
41) 2,4,6-Trichlorophenol	12.81	196	362404	42.697	ng/ul	99
42) 2,4,5-Trichlorophenol	12.88	196	396033	42.645	ng/ul	99
43) 1,1'-Biphenyl	13.22	154	1513277	39.717	ng/ul	100
44) 2-Chloronaphthalene	13.25	162	1142543	39.716	ng/ul	99
45) 2-Nitroaniline	13.47	65	447597	52.671	ng/ul	96
47) Dimethylphthalate	13.85	163	1492388	42.028	ng/ul	100
48) 2,6-Dinitrotoluene	13.97	165	306935	47.282	ng/ul	97
50) Acenaphthylene	14.10	152	1791616	41.394	ng/ul	100
51) 3-Nitroaniline	14.30	138	353750	46.508	ng/ul	98
52) Acenaphthene	14.45	153	1291264	40.662	ng/ul	99
53) 2,4-Dinitrophenol	14.50	184	152419	39.588	ng/ul	99
55) 4-Nitrophenol	14.61	109	283316	48.764	ng/ul	99
56) Dibenzofuran	14.78	168	1714255	40.253	ng/ul	99
57) 2,4-Dinitrotoluene	14.76	165	449339	48.437	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.01	232	325391	44.930	ng/ul	99
59) Diethylphthalate	15.22	149	1629452	44.304	ng/ul	99
61) Fluorene	15.43	166	1446918	41.304	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.43	204	655724	40.150	ng/ul	98
63) 4-Nitroaniline	15.46	138	372666	49.884	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.52	198	234397	42.800	ng/ul#	96
67) N-Nitrosodiphenylamine	15.65	169	1239493	41.519	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	388738	48.302	ng/ul	99
69) Hexachlorobenzene	16.43	284	438771	40.653	ng/ul	97
70) Atrazine	16.62	200	432485	41.862	ng/ul	99
71) Pentachlorophenol	16.78	266	276356	40.729	ng/ul	99
72) Phenanthrene	17.18	178	2247041	41.641	ng/ul	99
74) Anthracene	17.27	178	2272746	41.537	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	531645	38.595	ng/uL	99
76) Pentachlorobenzene	14.70	250	525218	39.111	ng/uL	100
77) Carbazole	17.55	167	2113615	42.229	ng/ul	99
78) Di-n-butylphthalate	18.11	149	2839604	47.469	ng/ul	100
80) Fluoranthene	19.15	202	2545880	41.332	ng/ul	100
82) Pyrene	19.50	202	2614944	40.913	ng/ul	98
83) Butylbenzylphthalate	20.39	149	1297106	49.460	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.16	252	845244	39.472	ng/ul	100
85) Benzo(a)anthracene	21.22	228	2519179	41.832	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	1969112	47.956	ng/ul	99
87) Chrysene	21.27	228	2423506	41.984	ng/ul	99
89) Di-n-octyl phthalate	22.06	149	3387238	48.362	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	2701465	42.318	ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	2497209	41.216	ng/ul	99
93) Benzo(a)pyrene	23.46	252	2371144	42.493	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.97	276	3081226	43.137	ng/ul	99
95) Dibenzo(a,h)anthracene	25.99	278	2588973	42.795	ng/ul	100
96) Benzo(g,h,i)perylene	26.71	276	2546674	43.152	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