Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP032921\
Data File : BP005073.D
Acq On : 29 Mar 2021 12:09
Operator : CG/JU
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 12:43:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 12:06:34 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD04079

Manual Integrations APPROVED
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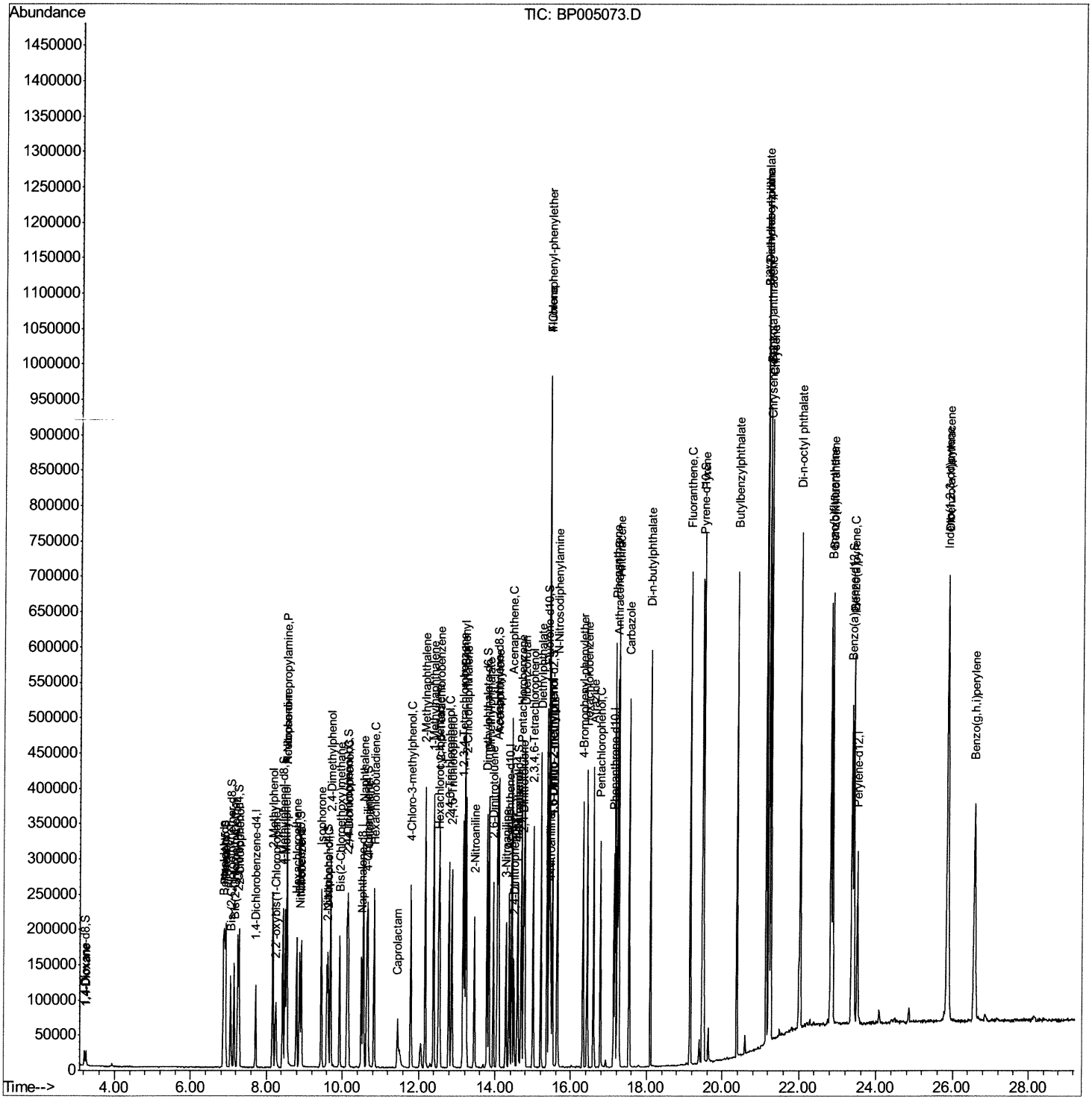

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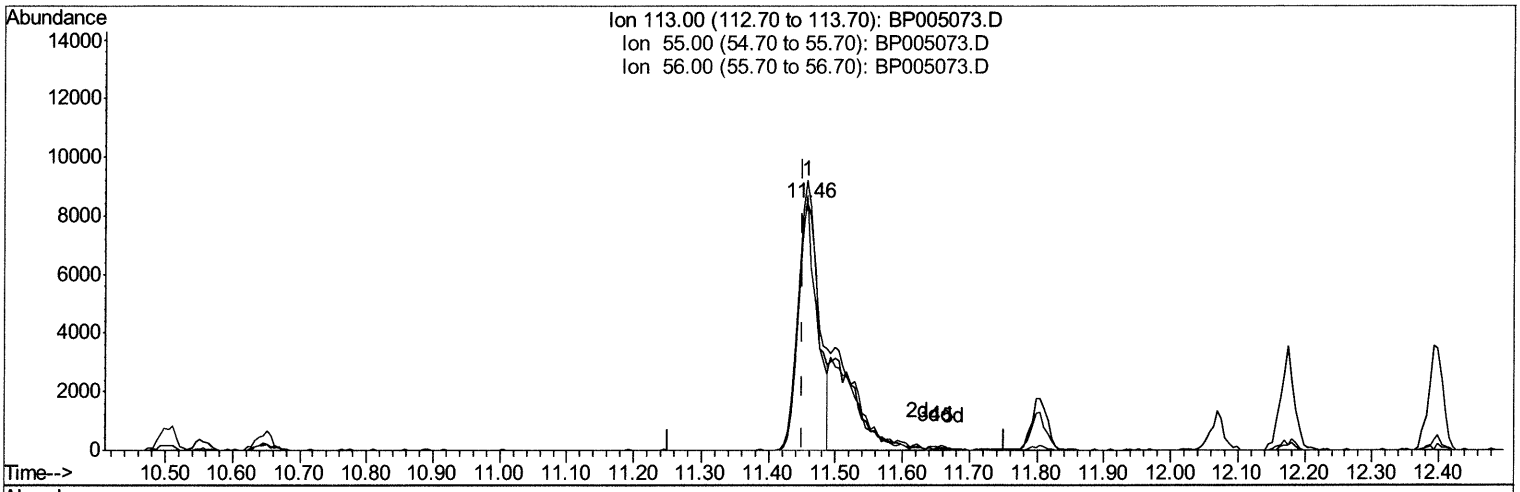

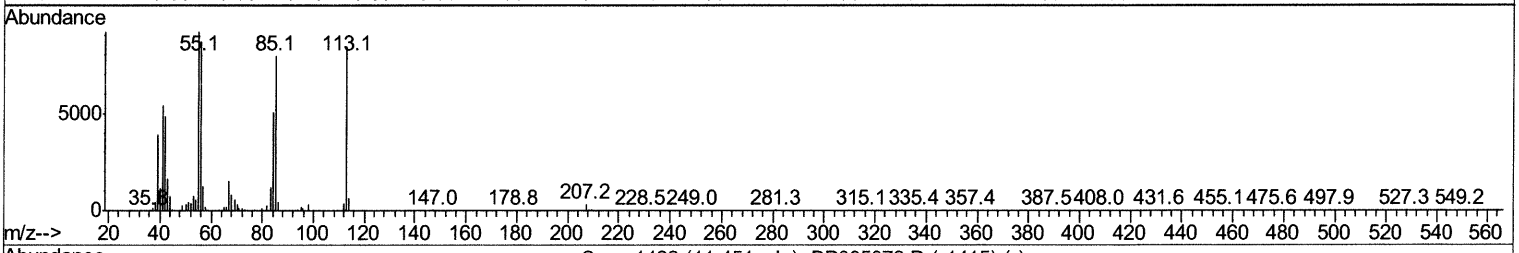

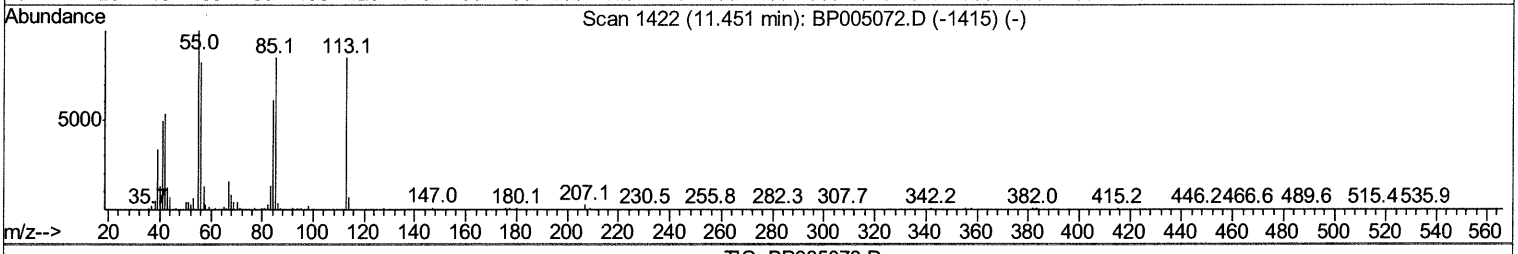

TIC: BP005073.D

(32) Caprolactam

11.457min (+0.006) 26.91ng/ul

response 17741

Ion	Exp%	Act%
113.00	100	100
55.00	118.10	109.16
56.00	97.40	103.46
0.00	0.00	0.00

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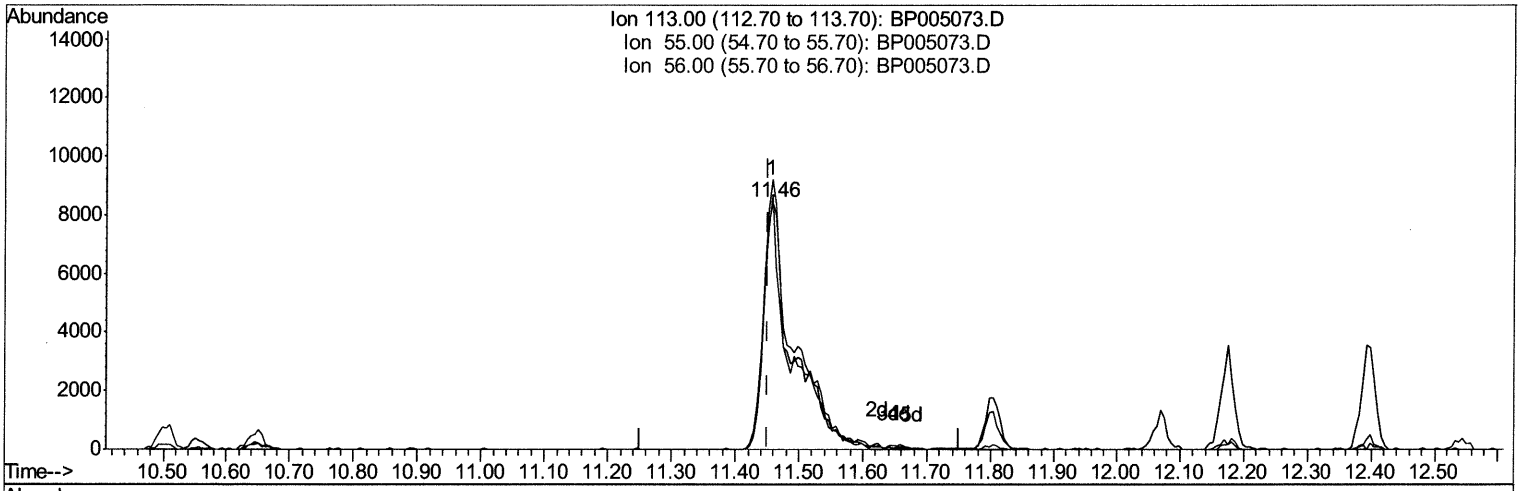

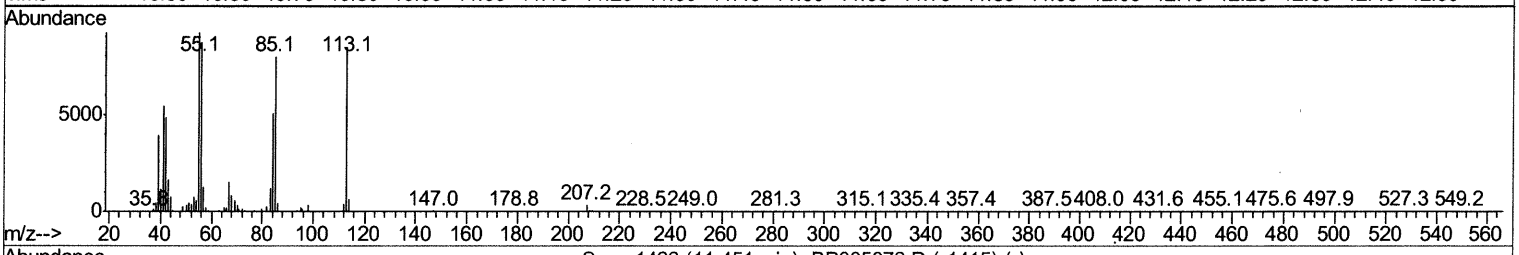

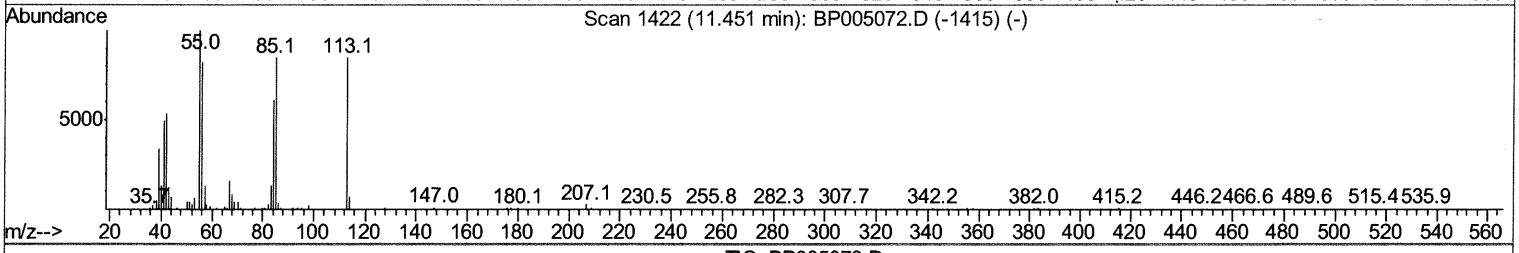

TIC: BP005073.D

(32) Caprolactam

11.457min (+0.006) 40.76ng/ul m 04/01/21 JU

response 26874

Ion	Exp%	Act%
113.00	100	100
55.00	118.10	109.16
56.00	97.40	103.46
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	7.72	152	30365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	121383	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	78909	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	170587	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	173201	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	169555	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11779	14.28	ng/uL	0.00
5) Phenol-d5	6.89	99	103133	38.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	54009	38.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	74115	40.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	79957	39.47	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	36670	40.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	41473	41.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	78039	39.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	93208	43.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	223673	39.13	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	281070	39.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	38459	39.38	ng/ul	0.00
58) Fluorene-d10	15.37	176	192879	39.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	43770	38.21	ng/ul	0.00
71) Anthracene-d10	17.23	188	301336	39.06	ng/ul	0.00
79) Pyrene-d10	19.47	212	329731	39.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	349771	39.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	12341	14.302	ng/uL	94
4) Benzaldehyde	6.86	77	61568	46.362	ng/ul	99
6) Phenol	6.92	94	109770	38.871	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	82134	39.514	ng/ul	96
10) 2-Chlorophenol	7.28	128	77571	39.734	ng/ul	98
11) 2-Methylphenol	8.16	108	79747	38.701	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.25	45	62351	40.245	ng/ul	96
14) Acetophenone	8.54	105	131988	39.271	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	67028	39.618	ng/ul	93
16) 4-Methylphenol	8.49	108	87947	39.884	ng/ul	93
17) Hexachloroethane	8.79	117	33967	38.662	ng/ul	93
20) Nitrobenzene	8.92	77	102265	38.783	ng/ul	98
21) Isophorone	9.45	82	181498	39.752	ng/ul	98
23) 2-Nitrophenol	9.63	139	45332	41.644	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	99539	38.584	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.93	93	109555	39.998	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	77255	39.869	ng/ul	95
28) Naphthalene	10.56	128	248268	38.870	ng/ul	98
30) 4-Chloroaniline	10.67	127	96545	43.127	ng/ul	99
31) Hexachlorobutadiene	10.84	225	52410	38.221	ng/ul	93
32) Caprolactam	11.46	113	26874m>	40.759	ng/ul>	04/01/21 JU
33) 4-Chloro-3-methylphenol	11.80	107	93248	40.561	ng/ul	95
34) 2-Methylnaphthalene	12.18	142	178413	39.239	ng/ul	99

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	169977	38.902	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	99131	38.190	ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	60067	38.100	ng/ul	97
39) 2,4,6-Trichlorophenol	12.79	196	65037	40.042	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	70212	41.215	ng/ul	95
41) 1,1'-Biphenyl	13.20	154	230867	39.167	ng/ul	98
42) 2-Chloronaphthalene	13.24	162	178969	38.011	ng/ul	95
43) 2-Nitroaniline	13.45	65	59342	42.065	ng/ul	97
45) Dimethylphthalate	13.83	163	228318	39.246	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	49036	40.247	ng/ul	98
48) Acenaphthylene	14.09	152	268936	39.693	ng/ul	100
49) 3-Nitroaniline	14.28	138	45379	41.552	ng/ul	87
50) Acenaphthene	14.43	153	188286	39.162	ng/ul	98
51) 2,4-Dinitrophenol	14.49	184	31153	40.875	ng/ul	91
53) 4-Nitrophenol	14.60	109	38976	38.956	ng/ul	89
54) Dibenzofuran	14.77	168	274168	38.988	ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	70573	40.820	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	62642	39.348	ng/ul#	98
57) Diethylphthalate	15.20	149	227559	39.634	ng/ul	99
59) Fluorene	15.42	166	225107	38.301	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	120128	38.214	ng/ul	95
61) 4-Nitroaniline	15.45	138	47395	40.224	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.51	198	44919	39.130	ng/ul#	98
65) N-Nitrosodiphenylamine	15.64	169	197195	39.482	ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	71055	38.982	ng/ul	98
67) Hexachlorobenzene	16.43	284	81078	38.396	ng/ul	98
68) Atrazine	16.60	200	74433	38.299	ng/ul	99
69) Pentachlorophenol	16.77	266	52143	38.880	ng/ul	92
70) Phenanthrene	17.17	178	352372	37.929	ng/ul	99
72) Anthracene	17.26	178	363296	38.411	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	102851	38.775	ng/uL	96
74) Pentachlorobenzene	14.69	250	97670	38.505	ng/uL	97
75) Carbazole	17.54	167	311670	38.428	ng/ul	99
76) Di-n-butylphthalate	18.10	149	376842	40.318	ng/ul	99
77) Fluoranthene	19.15	202	411755	38.233	ng/ul	99
80) Pyrene	19.50	202	423863	39.684	ng/ul	99
81) Butylbenzylphthalate	20.38	149	169971	43.339	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	148606	41.386	ng/ul	95
83) Benzo(a)anthracene	21.21	228	421157	39.353	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	252150	42.739	ng/ul	98
85) Chrysene	21.26	228	407789	39.315	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	431491	39.813	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	422184	37.720	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	434230	40.188	ng/ul	95
91) Benzo(a)pyrene	23.42	252	375078	39.007	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.86	276	480587	39.082	ng/ul	99
93) Dibenzo(a,h)anthracene	25.87	278	412379	39.700	ng/ul	100
94) Benzo(g,h,i)perylene	26.58	276	394757	38.568	ng/ul	96

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

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