Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072720\
Data File : BM026870.D
Acq On : 27 Jul 2020 13:06
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 27 13:39:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 12:34:37 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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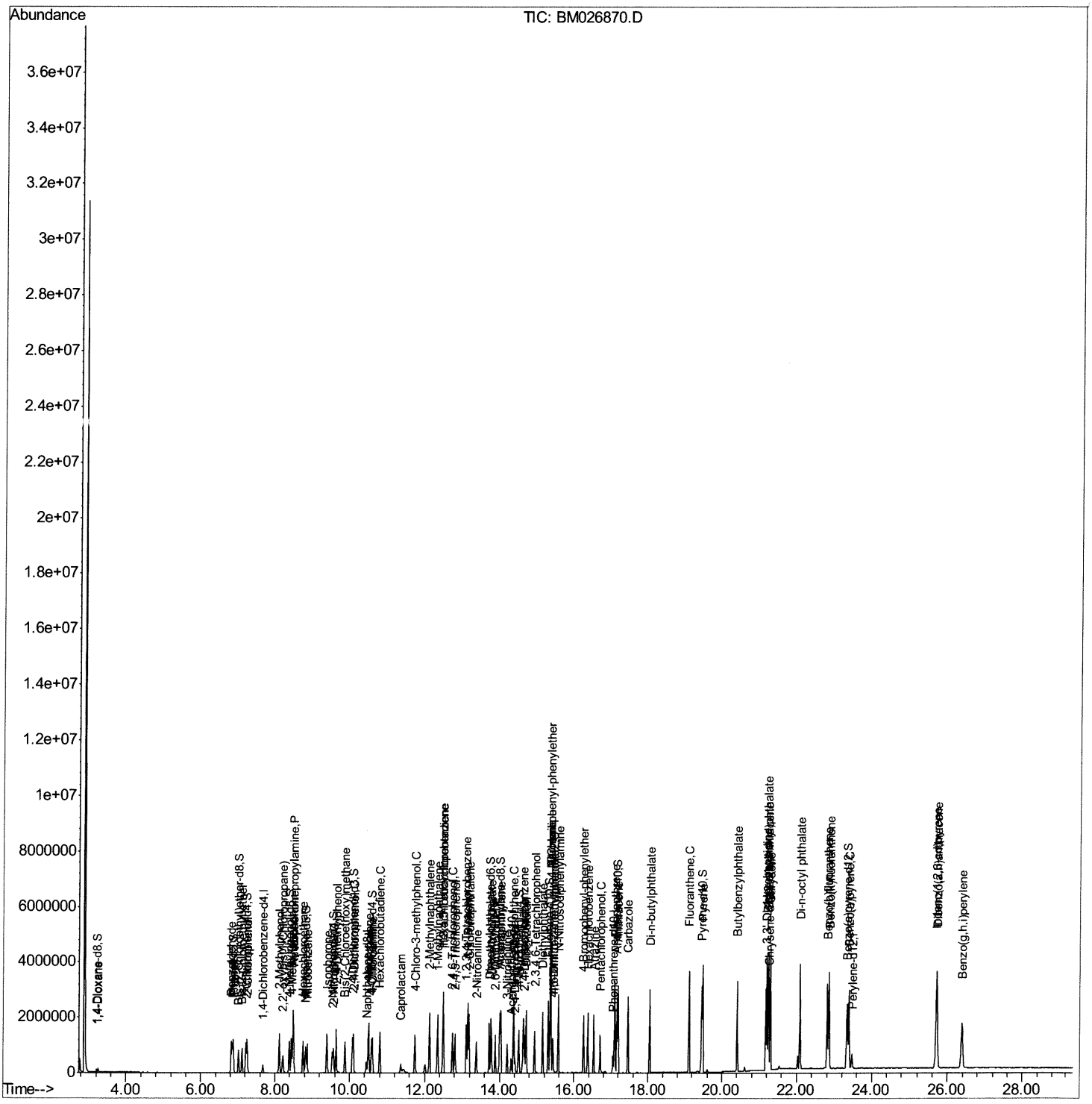

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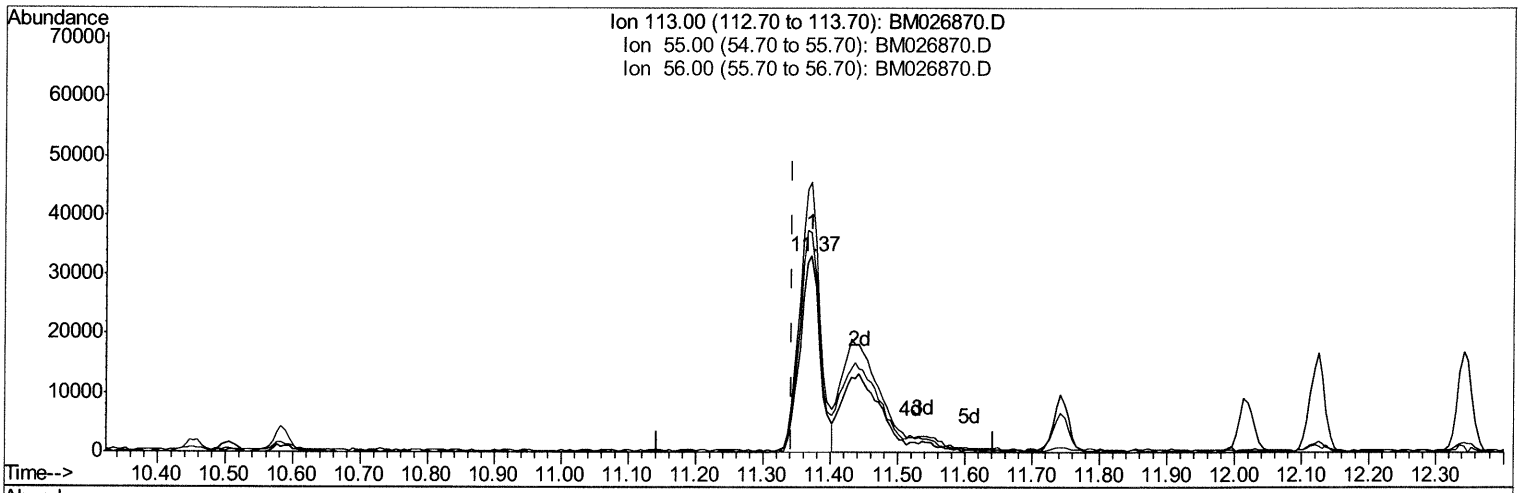

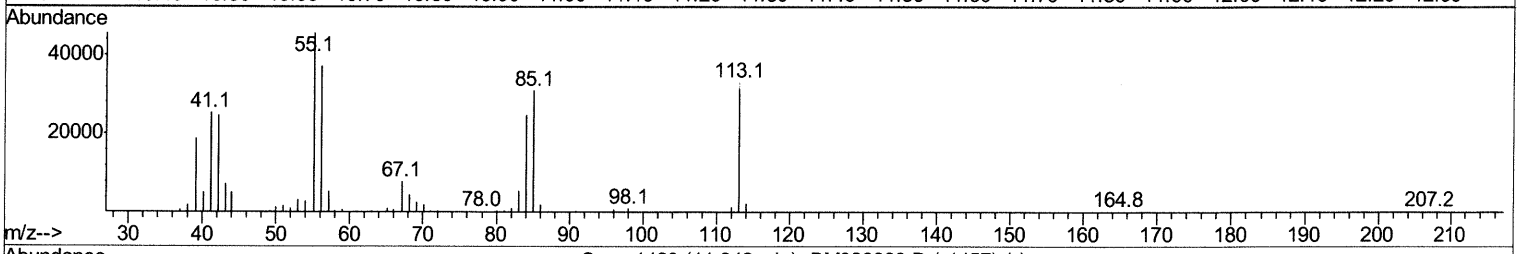

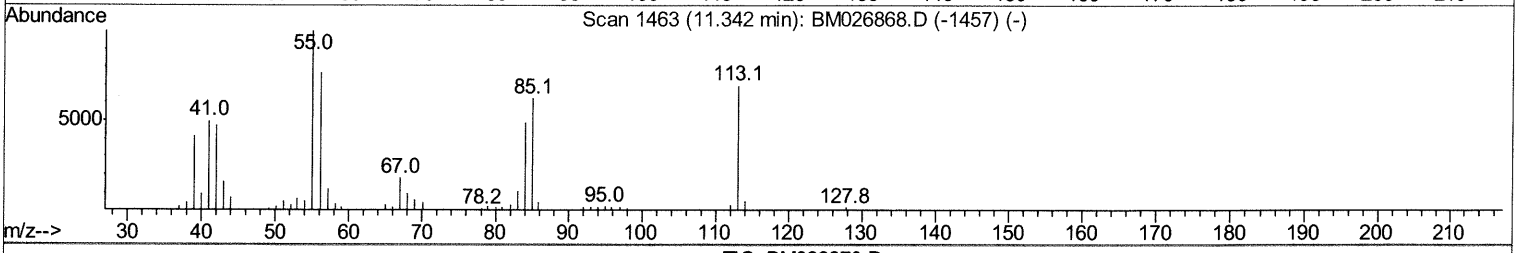

TIC: BM026870.D

(32) Caprolactam

11.372min (+0.029) 51.54ng/ul

response 68131

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	137.59
56.00	112.70	111.89
0.00	0.00	0.00

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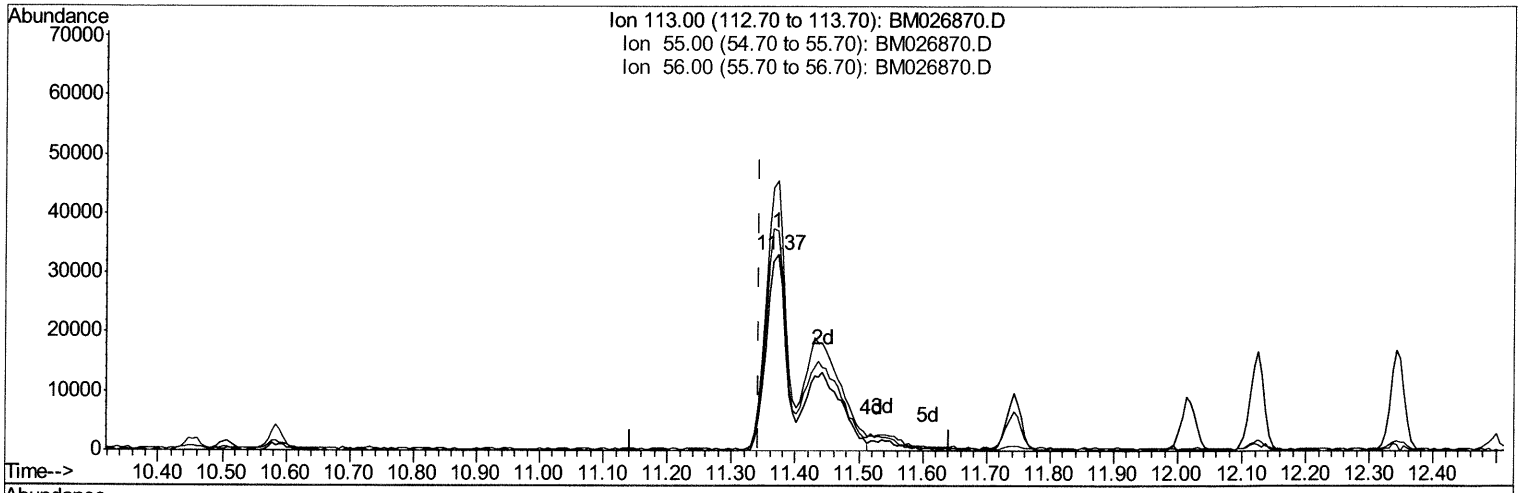

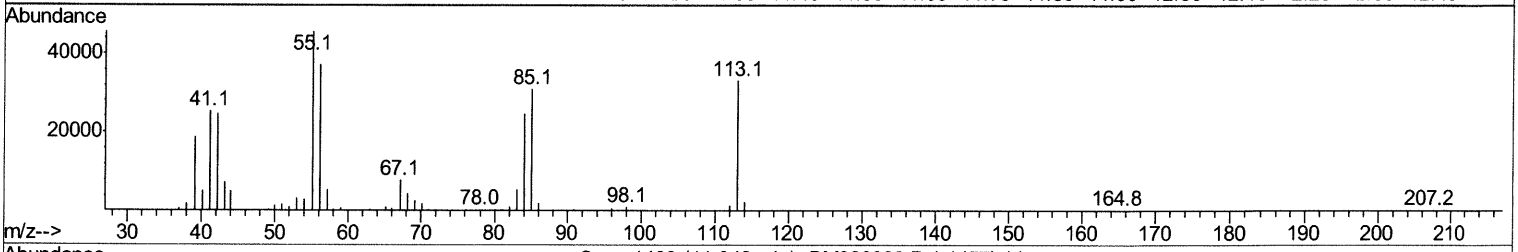

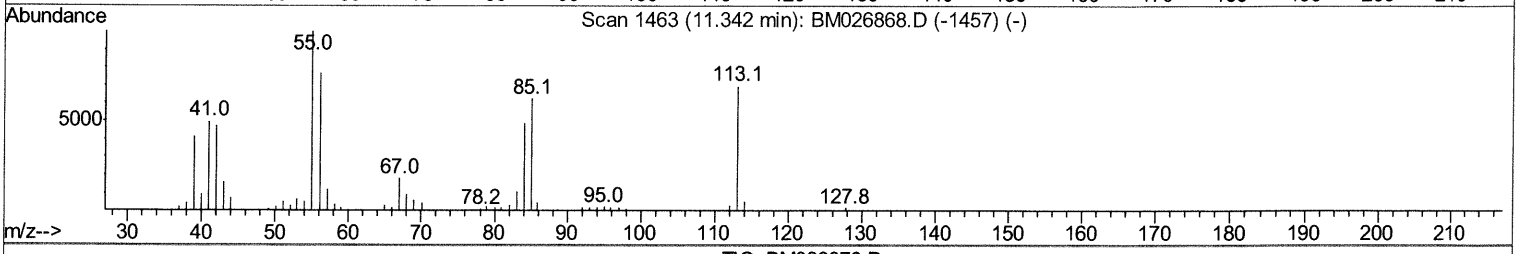

TIC: BM026870.D

(32) Caprolactam

11.372min (+0.029) 91.08ng/ul m 7/31/20 JU

response 120394

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	137.59
56.00	112.70	111.89
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	7.68	152	72006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	280495	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	169227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	343312	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	347278	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	338836	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	54435	22.72	ng/uL	0.00
5) Phenol-d5	6.85	99	537611	81.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	363610	81.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	411846	81.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	410719	77.87	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	189200	85.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	190239	80.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	415281	89.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	481047	98.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1115999	82.67	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	1434690	87.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	201380	103.37	ng/ul	0.02
58) Fluorene-d10	15.31	176	975738	82.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	150505	70.17	ng/ul	0.00
71) Anthracene-d10	17.15	188	1485273	87.85	ng/ul	0.00
79) Pyrene-d10	19.45	212	1581686	87.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	1705654	93.27	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	63832	24.604	ng/uL	95
4) Benzaldehyde	6.82	77	417315	119.162	ng/ul	99
6) Phenol	6.88	94	573809	79.145	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	456509	82.694	ng/ul	96
10) 2-Chlorophenol	7.25	128	429123	76.822	ng/ul	99
11) 2-Methylphenol	8.12	108	410667	79.279	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	399082	37.265	ng/ul	98
14) Acetophenone	8.49	105	676560	75.713	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	409868	77.642	ng/ul	98
16) 4-Methylphenol	8.45	108	434213	75.412	ng/ul	97
17) Hexachloroethane	8.75	117	201531	81.417	ng/ul	98
20) Nitrobenzene	8.87	77	610416	87.260	ng/ul	99
21) Isophorone	9.40	82	1038561	88.318	ng/ul	99
23) 2-Nitrophenol	9.57	139	216779	79.212	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	502849	79.789	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.88	93	586748	83.918	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	403047	84.210	ng/ul	98
28) Naphthalene	10.51	128	1316834	79.316	ng/ul	99
30) 4-Chloroaniline	10.61	127	481571	92.924	ng/ul	99
31) Hexachlorobutadiene	10.81	225	279594	80.606	ng/ul	99
32) Caprolactam	11.37	113	120394m>	91.078	ng/ul >	7/31/2020 JU
33) 4-Chloro-3-methylphenol	11.74	107	434039	79.696	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	926766	79.681	ng/ul	100

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	900053	83.022	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	505975	82.260	ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	350160	111.551	ng/ul	100
39) 2,4,6-Trichlorophenol	12.74	196	297182	81.845	ng/ul	98
40) 2,4,5-Trichlorophenol	12.81	196	318769	80.274	ng/ul	97
41) 1,1'-Biphenyl	13.15	154	1192309	81.398	ng/ul	99
42) 2-Chloronaphthalene	13.18	162	961467	83.389	ng/ul	100
43) 2-Nitroaniline	13.38	65	316002	81.522	ng/ul	99
45) Dimethylphthalate	13.78	163	1167111	82.602	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	237730	87.056	ng/ul	96
48) Acenaphthylene	14.04	152	1446908	82.826	ng/ul	99
49) 3-Nitroaniline	14.21	138	212236	93.500	ng/ul	94
50) Acenaphthene	14.38	153	1008740	81.700	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	93897	66.185	ng/ul	91
53) 4-Nitrophenol	14.52	109	199080	99.286	ng/ul	95
54) Dibenzofuran	14.72	168	1377760	78.644	ng/ul	100
55) 2,4-Dinitrotoluene	14.68	165	338261	83.290	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.94	232	260305	76.149	ng/ul#	97
57) Diethylphthalate	15.16	149	1187929	83.653	ng/ul	99
59) Fluorene	15.37	166	1202295	83.999	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	596133	80.131	ng/ul	99
61) 4-Nitroaniline	15.38	138	262854	102.382	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	167878	73.893	ng/ul#	93
65) N-Nitrosodiphenylamine	15.58	169	973227	84.781	ng/ul	97
66) 4-Bromophenyl-phenylether	16.26	248	350311	84.643	ng/ul	99
67) Hexachlorobenzene	16.37	284	394787	83.708	ng/ul	97
68) Atrazine	16.54	200	356813	95.408	ng/ul	98
69) Pentachlorophenol	16.71	266	210405	90.470	ng/ul	98
70) Phenanthrene	17.10	178	1798773	84.140	ng/ul	100
72) Anthracene	17.19	178	1860664	86.259	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	474483	80.163	ng/uL	99
74) Pentachlorobenzene	14.64	250	459186	80.996	ng/uL	99
75) Carbazole	17.45	167	1612209	93.349	ng/ul	99
76) Di-n-butylphthalate	18.05	149	1995207	95.481	ng/ul	100
77) Fluoranthene	19.12	202	2105716	95.221	ng/ul	99
80) Pyrene	19.48	202	2165359	87.984	ng/ul	99
81) Butylbenzylphthalate	20.41	149	876326	100.373	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.18	252	729344	104.190	ng/ul	99
83) Benzo(a)anthracene	21.24	228	2064644	86.367	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	1269873	97.665	ng/ul	98
85) Chrysene	21.29	228	2021982	85.259	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	2204610	105.591	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	2155289	93.645	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	2060750	90.340	ng/ul	99
91) Benzo(a)pyrene	23.39	252	1937949	94.915	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.71	276	2466186	92.551	ng/ul	98
93) Dibenzo(a,h)anthracene	25.72	278	2089949	93.096	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	1996159	89.814	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