Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030772.D
Acq On : 02 Jul 2021 10:05
Operator : CG/JU
Sample : SP5613
Misc : SFAM SPIKE
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Jul 02 10:51:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP5613

Manual Integrations APPROVED
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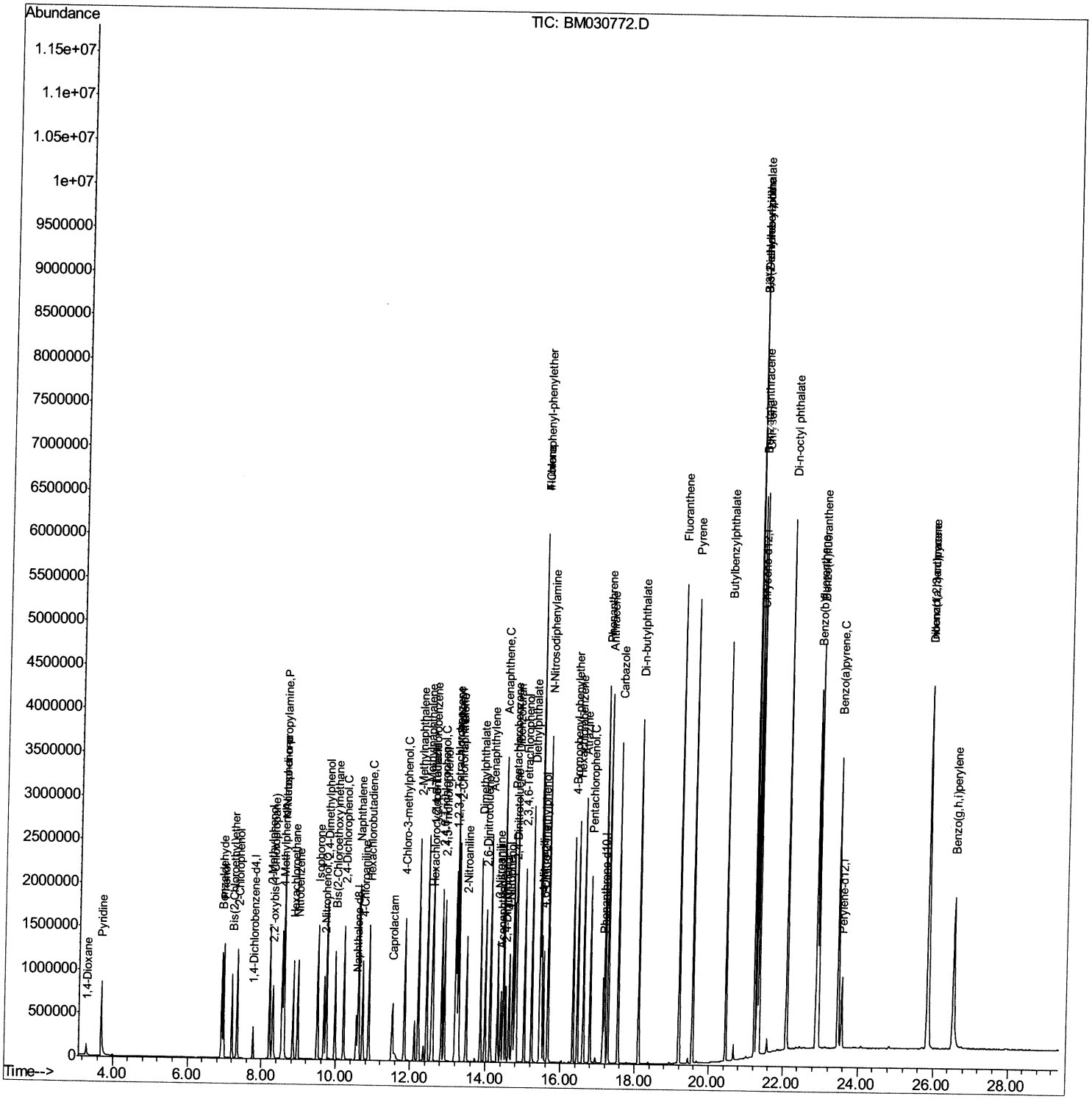

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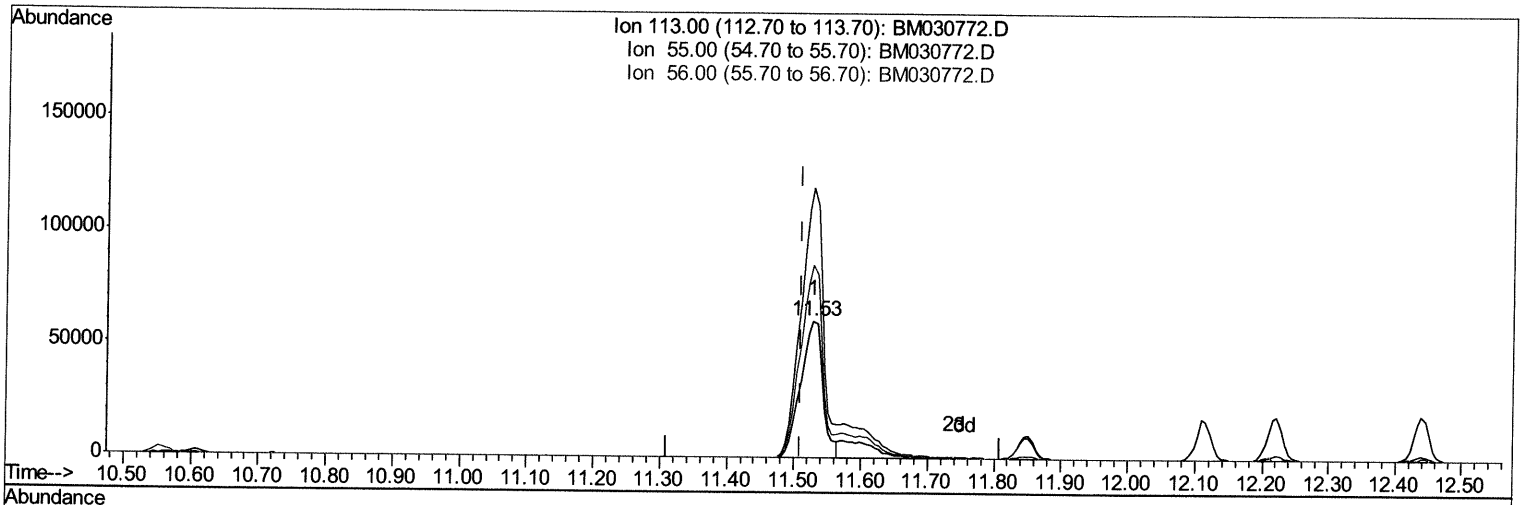

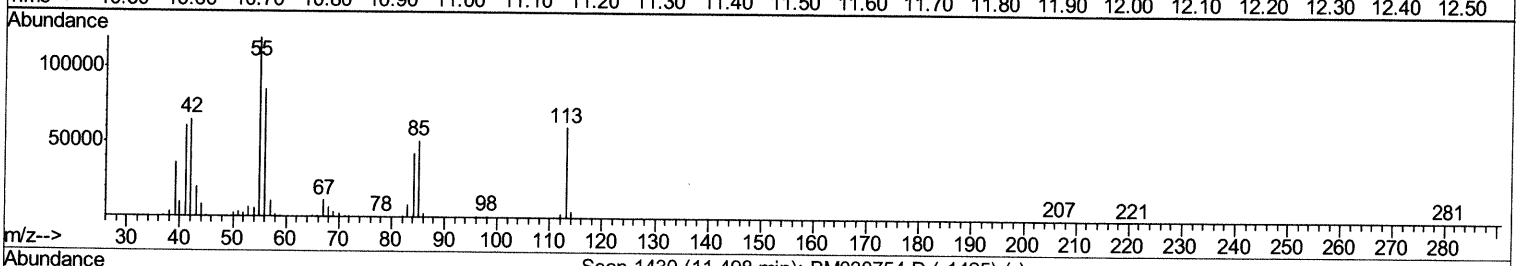

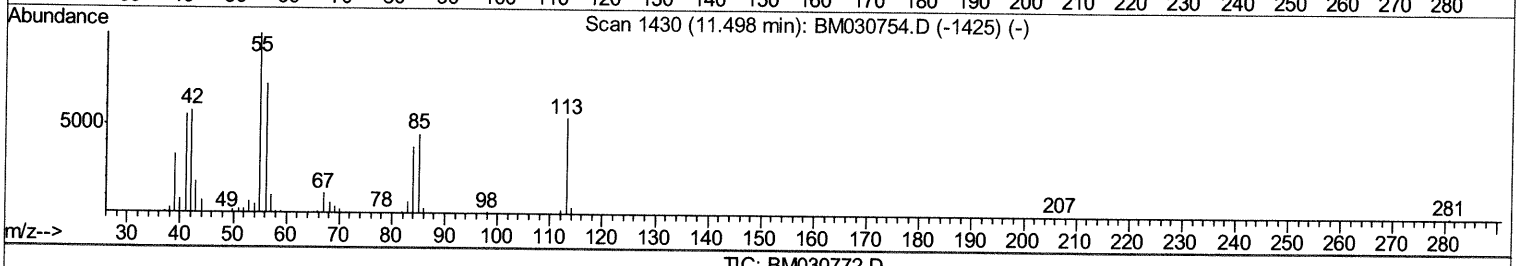

TIC: BM030772.D

(34) Caprolactam

11.527min (+0.017) 76.93ng/ul

response 138485

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	197.94
56.00	127.40	141.04
0.00	0.00	0.00

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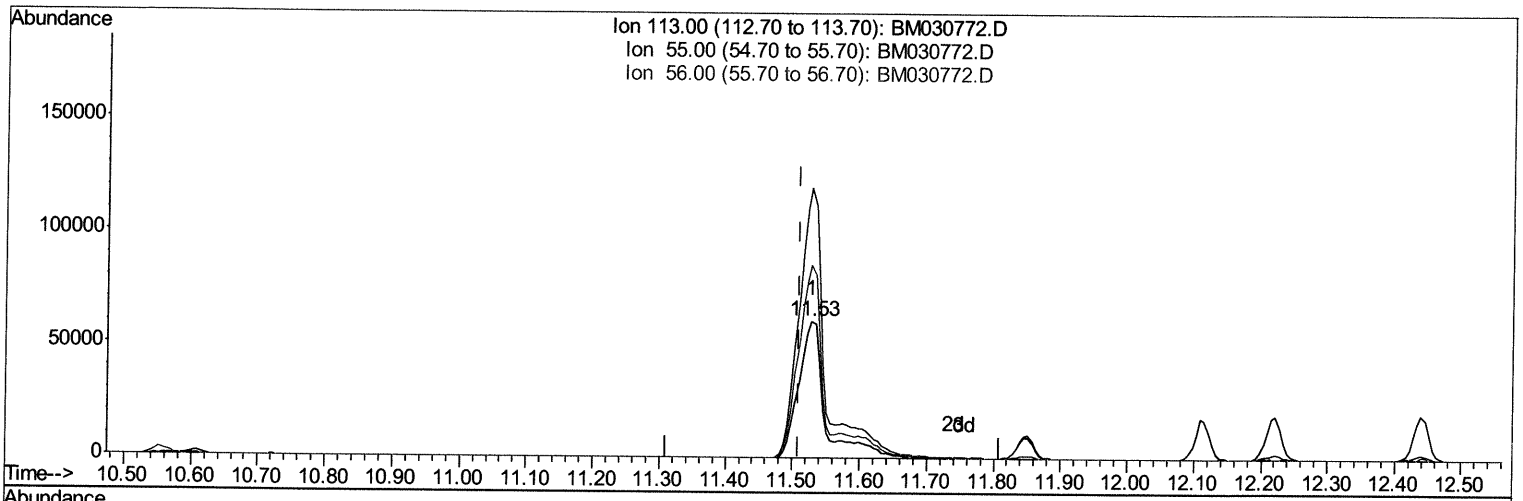

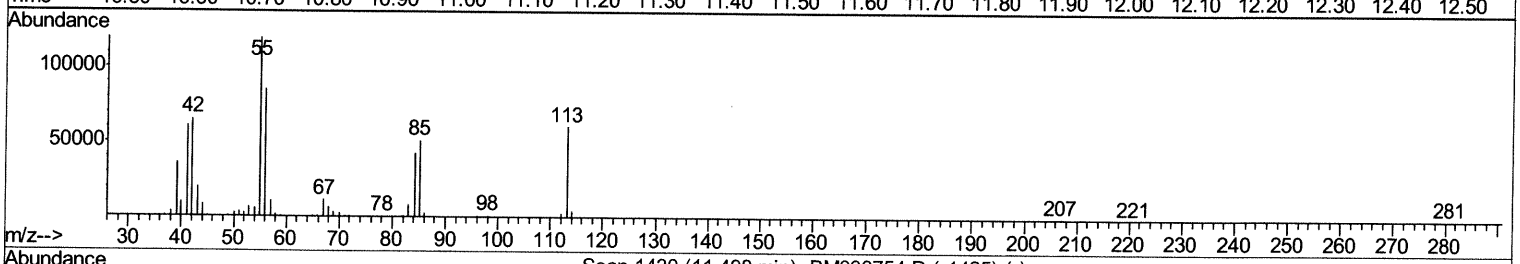

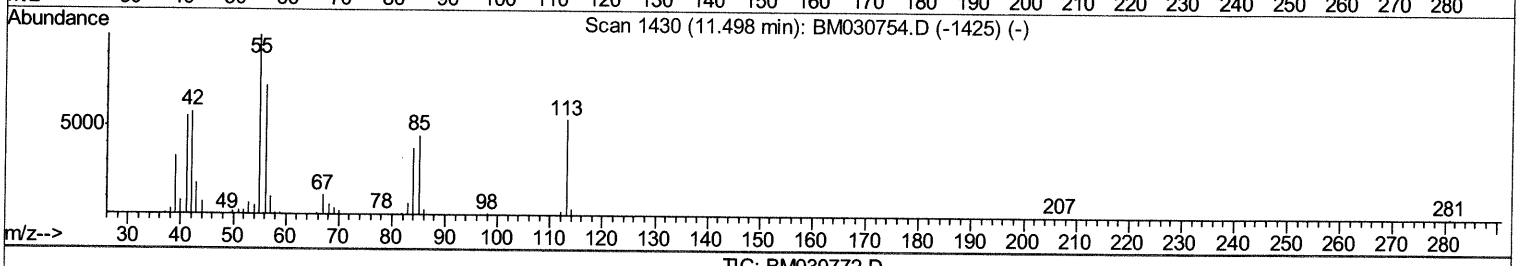

TIC: BM030772.D

(34) Caprolactam

11.527min (+0.017) 93.05ng/ul m

JG 7/7/21

response 167515

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	197.94
56.00	127.40	141.04
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	7.77	152	94309	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.56	136	407538	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	274107	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	598068	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	667504	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	558473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	68628	27.739	ng/uL	97
5) Pyridine	3.69	79	493507	73.352	ng/ul	95
6) Benzaldehyde	6.92	77	411899	104.152	ng/ul	92
8) Phenol	6.97	94	662458	80.550	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.20	93	487937	75.278	ng/ul	99
12) 2-Chlorophenol	7.34	128	517561	81.806	ng/ul	99
13) 2-Methylphenol	8.21	108	490426	82.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.30	45	801310	77.989	ng/ul	100
16) Acetophenone	8.59	105	780128	79.813	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.58	70	412652	85.349	ng/ul	99
18) 4-Methylphenol	8.55	108	529834	81.637	ng/ul	97
19) Hexachloroethane	8.85	117	209454	79.012	ng/ul	94
22) Nitrobenzene	8.97	77	604235	78.761	ng/ul	98
23) Isophorone	9.50	82	1097031	82.576	ng/ul	99
25) 2-Nitrophenol	9.68	139	281203	78.363	ng/ul	98
26) 2,4-Dimethylphenol	9.74	107	592985	81.756	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	675900	78.199	ng/ul	99
29) 2,4-Dichlorophenol	10.21	162	511827	82.522	ng/ul	98
30) Naphthalene	10.61	128	1593487	77.226	ng/ul	99
32) 4-Chloroaniline	10.72	127	586550	65.441	ng/ul	100
33) Hexachlorobutadiene	10.89	225	325747	77.673	ng/ul	99
34) Caprolactam	11.53	113	167515m	93.052	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	544963	89.483	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	1175075	81.608	ng/ul	99
37) 1-Methylnaphthalene	12.44	142	1151944	79.036	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	644068	75.314	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	314830	56.417	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	439855	81.670	ng/ul	96
42) 2,4,5-Trichlorophenol	12.90	196	475980	82.809	ng/ul	99
43) 1,1'-Biphenyl	13.24	154	1530268	75.644	ng/ul	99
44) 2-Chloronaphthalene	13.28	162	1200859	75.505	ng/ul	99
45) 2-Nitroaniline	13.49	65	397593	93.021	ng/ul	96
47) Dimethylphthalate	13.86	163	1507320	81.283	ng/ul	100
48) 2,6-Dinitrotoluene	13.99	165	329951	92.346	ng/ul	99
50) Acenaphthylene	14.12	152	1764409	77.426	ng/ul	100
51) 3-Nitroaniline	14.32	138	314097	82.523	ng/ul	97
52) Acenaphthene	14.47	153	1311988	79.331	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	178629	76.049	ng/ul	96
55) 4-Nitrophenol	14.62	109	242134	84.409	ng/ul	98
56) Dibenzofuran	14.80	168	1824927	79.153	ng/ul	97
57) 2,4-Dinitrotoluene	14.77	165	479392	95.825	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	416138	89.434	ng/ul#	97
59) Diethylphthalate	15.23	149	1582719	88.847	ng/ul	99
61) Fluorene	15.45	166	1613418	84.912	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	797819	84.312	ng/ul	100
63) 4-Nitroaniline	15.49	138	383221	105.731	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.54	198	253877	66.673	ng/ul#	98
67) N-Nitrosodiphenylamine	15.66	169	1340831	75.223	ng/ul	99
68) 4-Bromophenyl-phenylether	16.34	248	481046	78.827	ng/ul	98
69) Hexachlorobenzene	16.46	284	560638	79.426	ng/ul	98
70) Atrazine	16.62	200	531119	84.009	ng/ul	97
71) Pentachlorophenol	16.80	266	355982	80.481	ng/ul	98
72) Phenanthrene	17.19	178	2503939	77.962	ng/ul	99
74) Anthracene	17.27	178	2591393	78.913	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	639622	67.054	ng/uL	99
76) Pentachlorobenzene	14.73	250	654848	72.068	ng/uL	99
77) Carbazole	17.54	167	2342222	79.540	ng/ul	99
78) Di-n-butylphthalate	18.11	149	2861016	95.350	ng/ul	100
80) Fluoranthene	19.20	202	3130200	73.278	ng/ul	99
82) Pyrene	19.56	202	3222304	71.791	ng/ul	98
83) Butylbenzylphthalate	20.46	149	1392905	94.277	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	1072430	81.505	ng/ul	97
85) Benzo(a)anthracene	21.30	228	3239670	78.207	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	2225815	104.742	ng/ul#	97
87) Chrysene	21.36	228	3086940	76.441	ng/ul	98
89) Di-n-octyl phthalate	22.10	149	3724968	115.947	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	3063719	86.408	ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	2839414	83.329	ng/ul	98
93) Benzo(a)pyrene	23.47	252	2523180	79.143	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	2998000	74.697	ng/ul	98
95) Dibenzo(a,h)anthracene	25.86	278	2532093	76.103	ng/ul	99
96) Benzo(g,h,i)perylene	26.55	276	2295540	68.552	ng/ul	98

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

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