Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030219.D
Acq On : 28 May 2021 03:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 28 04:36:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 28 02:10:33 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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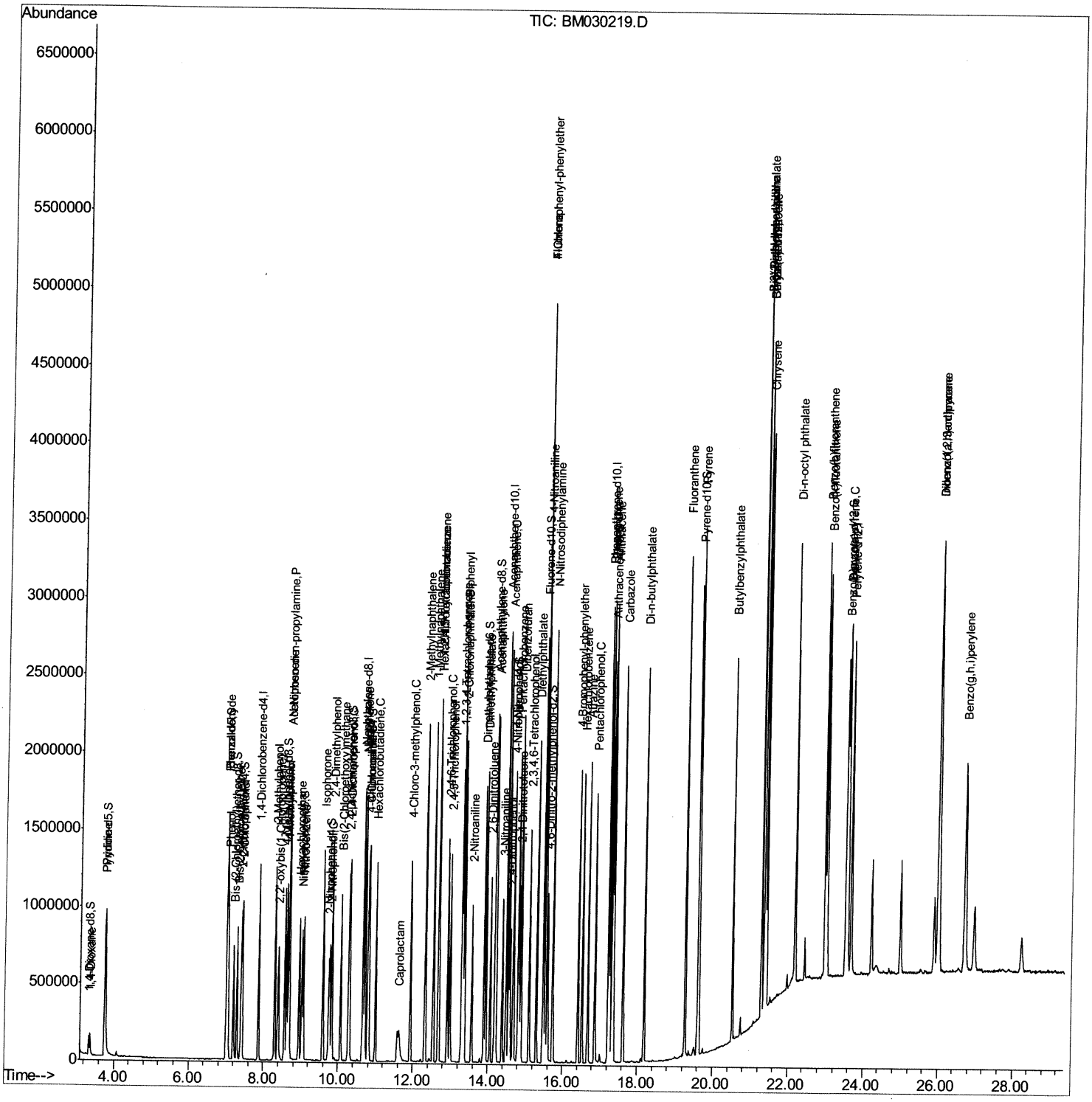

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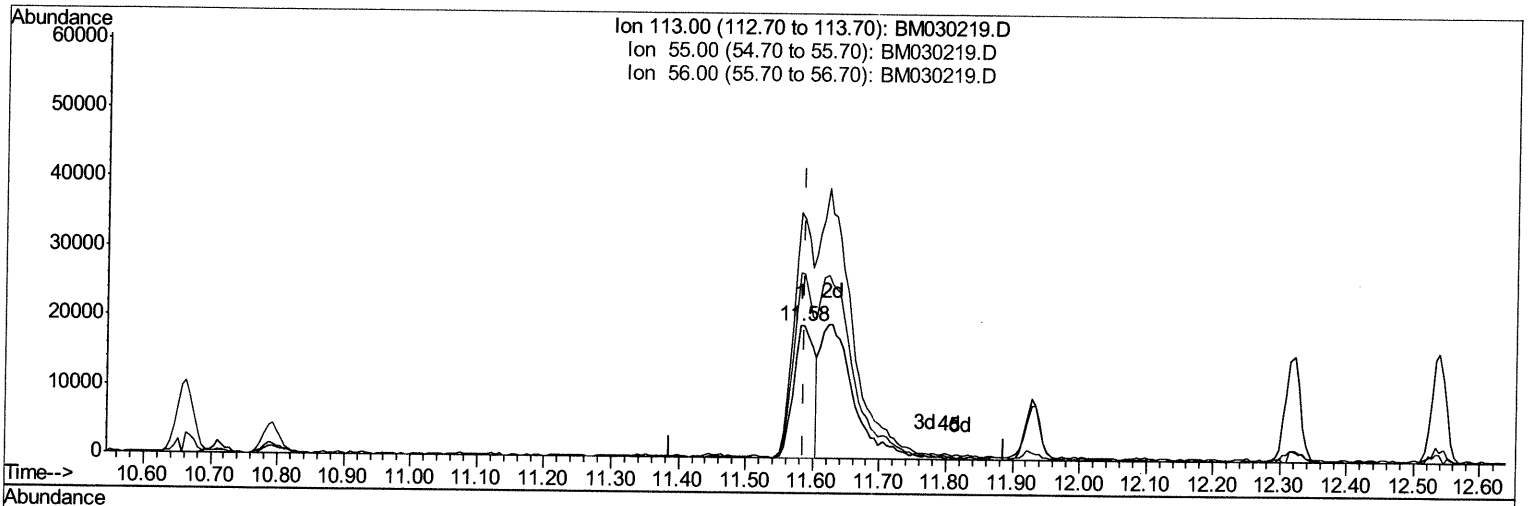

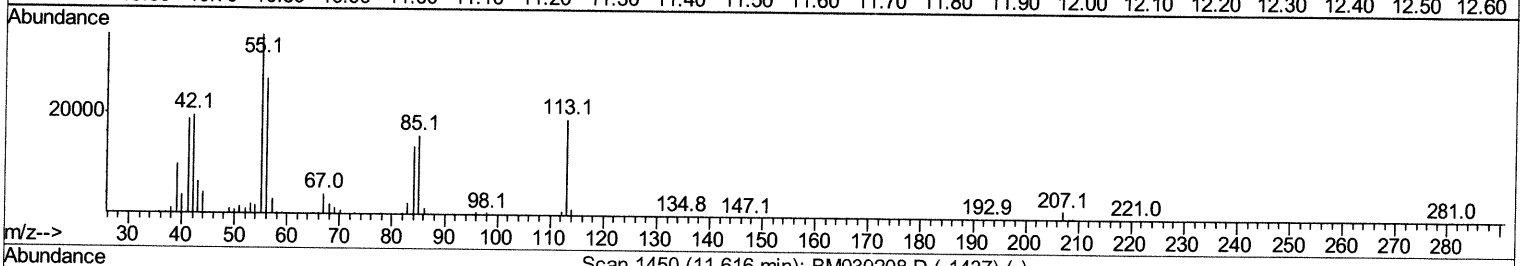

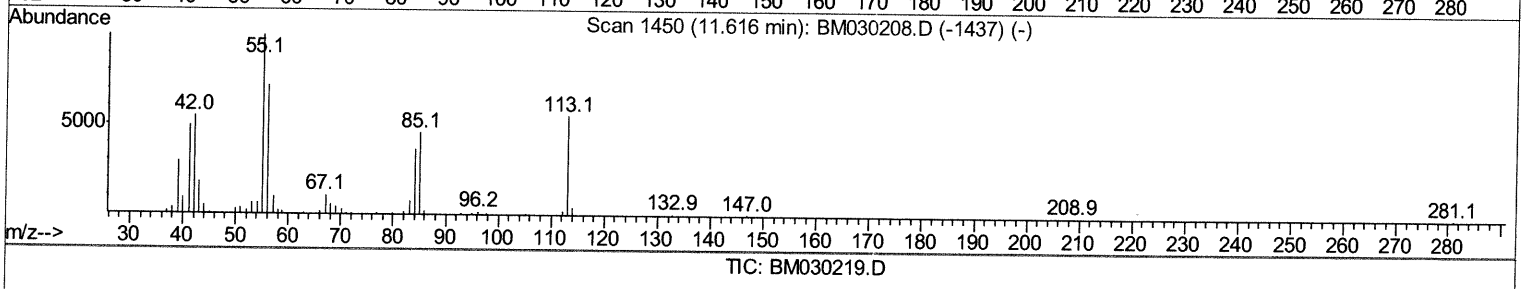

TIC: BM030219.D

(34) Caprolactam

11.580min (-0.006) 5.94ng/ul

response 41245

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	185.35
56.00	134.00	139.72
0.00	0.00	0.00

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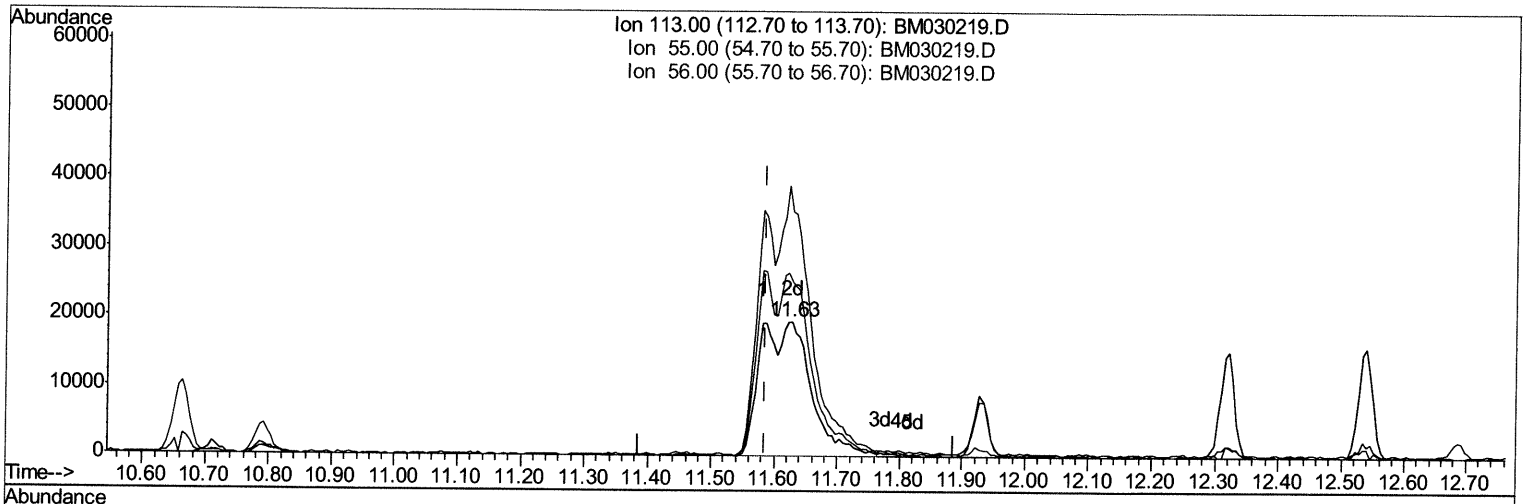

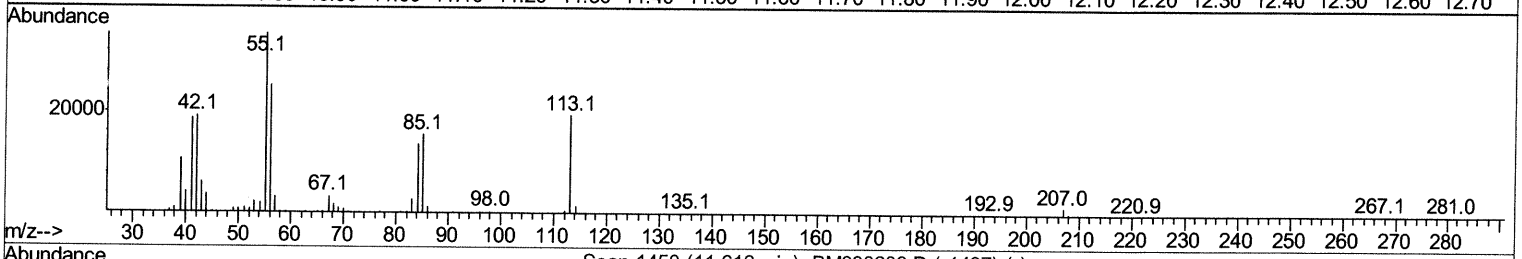

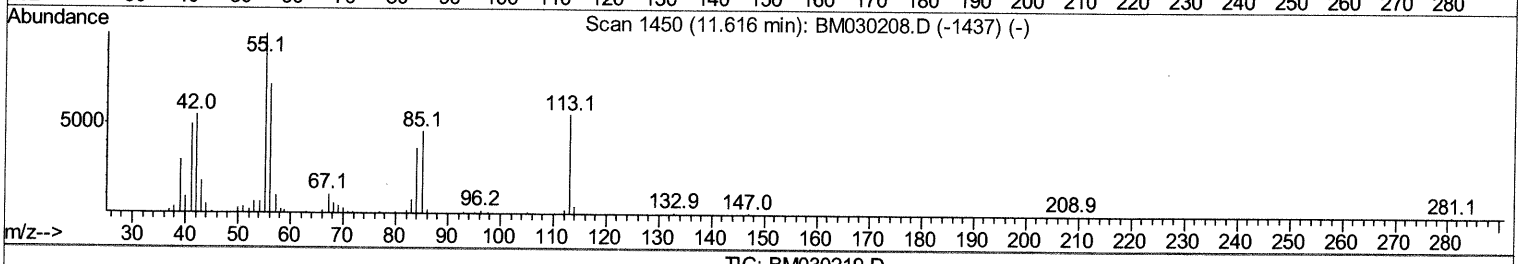

TIC: BM030219.D

(34) Caprolactam

11.627min (+0.041) 15.62ng/ul m 06/01/21JU

response 108435

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	182.53
56.00	134.00	129.78
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	7.87	152	341265	20.00	ng/ul	0.00
20) Naphthalene-d8	10.66	136	1468393	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	917400	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1730108	20.00	ng/ul	0.00
79) Chrysene-d12	21.38	240	1556139	20.00	ng/ul	0.00
88) Perylene-d12	23.67	264	1503400	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	57846	6.94	ng/uL	0.00
4) Pyridine-d5	3.75	84	404816	17.32	ng/ul	0.00
7) Phenol-d5	7.03	99	527372	17.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	337076	17.80	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	418738	18.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	419414	17.60	ng/ul	0.00
21) Nitrobenzene-d5	9.02	128	193758	20.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	197352	21.62	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.28	165	434064	18.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.79	131	586816	16.78	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	1191785	16.99	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1581874	17.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	197753	17.45	ng/ul	0.00
60) Fluorene-d10	15.48	176	1036205	16.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	157210	18.74	ng/ul	0.00
73) Anthracene-d10	17.32	188	1496620	17.48	ng/ul	0.00
81) Pyrene-d10	19.60	212	1552288	18.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.52	264	1483453	17.41	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	64093	7.146	ng/uL	95
5) Pyridine	3.77	79	413811	17.238	ng/ul	97
6) Benzaldehyde	7.01	77	345128	21.556	ng/ul	98
8) Phenol	7.05	94	542897	17.811	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.29	93	434631	17.764	ng/ul	97
12) 2-Chlorophenol	7.43	128	428030	18.597	ng/ul	100
13) 2-Methylphenol	8.30	108	406756	17.648	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.40	45	710221	17.469	ng/ul	99
16) Acetophenone	8.69	105	673464	17.489	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.67	70	360410	17.743	ng/ul	98
18) 4-Methylphenol	8.63	108	444640	17.916	ng/ul	97
19) Hexachloroethane	8.95	117	174390	17.697	ng/ul	96
22) Nitrobenzene	9.07	77	497199	19.162	ng/ul	98
23) Isophorone	9.59	82	930576	17.009	ng/ul	99
25) 2-Nitrophenol	9.77	139	221429	21.484	ng/ul	98
26) 2,4-Dimethylphenol	9.83	107	487672	17.784	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.07	93	595063	17.745	ng/ul	100
29) 2,4-Dichlorophenol	10.30	162	422638	18.593	ng/ul	98
30) Naphthalene	10.71	128	1404483	17.433	ng/ul	99
32) 4-Chloroaniline	10.82	127	604996	16.706	ng/ul	99
33) Hexachlorobutadiene	11.00	225	270940	17.493	ng/ul	98
34) Caprolactam	11.63	113	108435m >	15.619	ng/ul >	98

06/01/21 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	419526	17.606 ng/ul	97
36) 2-Methylnaphthalene	12.32	142	1042196	17.301 ng/ul	98
37) 1-Methylnaphthalene	12.54	142	1008904	17.227 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	547371	18.389 ng/ul	99
40) Hexachlorocyclopentadiene	12.67	237	423610	20.309 ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	325166	19.463 ng/ul	97
42) 2,4,5-Trichlorophenol	12.99	196	356128	19.703 ng/ul	99
43) 1,1'-Biphenyl	13.33	154	1312605	17.941 ng/ul	99
44) 2-Chloronaphthalene	13.37	162	1001559	17.808 ng/ul	99
45) 2-Nitroaniline	13.57	65	258083	19.976 ng/ul	91
47) Dimethylphthalate	13.94	163	1177930	17.002 ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	223362	20.229 ng/ul	97
50) Acenaphthylene	14.22	152	1540189	17.641 ng/ul	99
51) 3-Nitroaniline	14.39	138	238628	18.543 ng/ul#	97
52) Acenaphthene	14.56	153	1071487	17.375 ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	173905	25.087 ng/ul	96
55) 4-Nitrophenol	14.69	109	248432	19.964 ng/ul	97
56) Dibenzofuran	14.89	168	1470361	17.225 ng/ul	100
57) 2,4-Dinitrotoluene	14.84	165	304260	19.001 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	287679	18.848 ng/ul	98
59) Diethylphthalate	15.31	149	1151793	16.413 ng/ul	99
61) Fluorene	15.54	166	1208561	16.688 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.53	204	601711	16.945 ng/ul	99
63) 4-Nitroaniline	15.55	138	241865	18.279 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.60	198	160833	18.589 ng/ul	97
67) N-Nitrosodiphenylamine	15.74	169	1030882	18.268 ng/ul	99
68) 4-Bromophenyl-phenylether	16.42	248	347427	17.842 ng/ul	97
69) Hexachlorobenzene	16.54	284	390892	17.561 ng/ul	98
70) Atrazine	16.69	200	332140	16.409 ng/ul	100
71) Pentachlorophenol	16.87	266	283261	20.838 ng/ul	99
72) Phenanthrene	17.27	178	1763195	17.390 ng/ul	100
74) Anthracene	17.36	178	1818288	17.483 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	563557	19.965 ng/uL	98
76) Pentachlorobenzene	14.81	250	495108	18.909 ng/uL	100
77) Carbazole	17.62	167	1562899	16.583 ng/ul	100
78) Di-n-butylphthalate	18.19	149	1767506	16.884 ng/ul	100
80) Fluoranthene	19.27	202	1911947	18.751 ng/ul	98
82) Pyrene	19.63	202	1983331	18.610 ng/ul	99
83) Butylbenzylphthalate	20.52	149	674669	18.547 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.30	252	596290	18.099 ng/ul	98
85) Benzo(a)anthracene	21.37	228	1798515	17.542 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.29	149	1055383	18.081 ng/ul	99
87) Chrysene	21.42	228	1732592	17.360 ng/ul	100
89) Di-n-octyl phthalate	22.18	149	1731157	17.908 ng/ul	100
90) Benzo(b)fluoranthene	22.97	252	1766972	17.539 ng/ul	99
91) Benzo(k)fluoranthene	23.02	252	1751813	17.633 ng/ul	99
93) Benzo(a)pyrene	23.57	252	1576735	17.731 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.00	276	2041733	18.330 ng/ul	100
95) Dibenzo(a,h)anthracene	26.01	278	1705107	18.310 ng/ul	99
96) Benzo(g,h,i)perylene	26.71	276	1653898	18.173 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