Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030229.D
Acq On : 28 May 2021 09:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 28 10:15:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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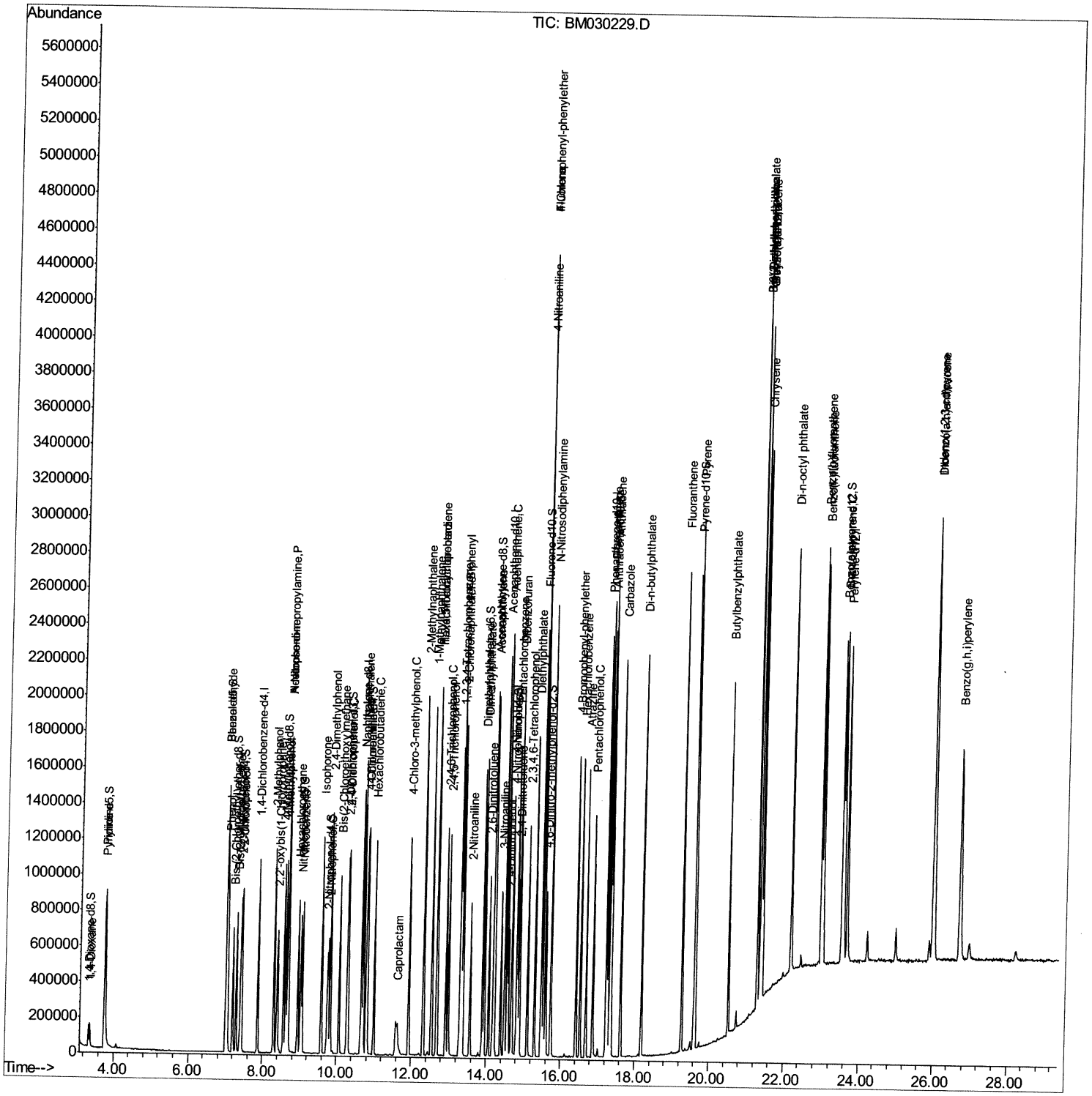

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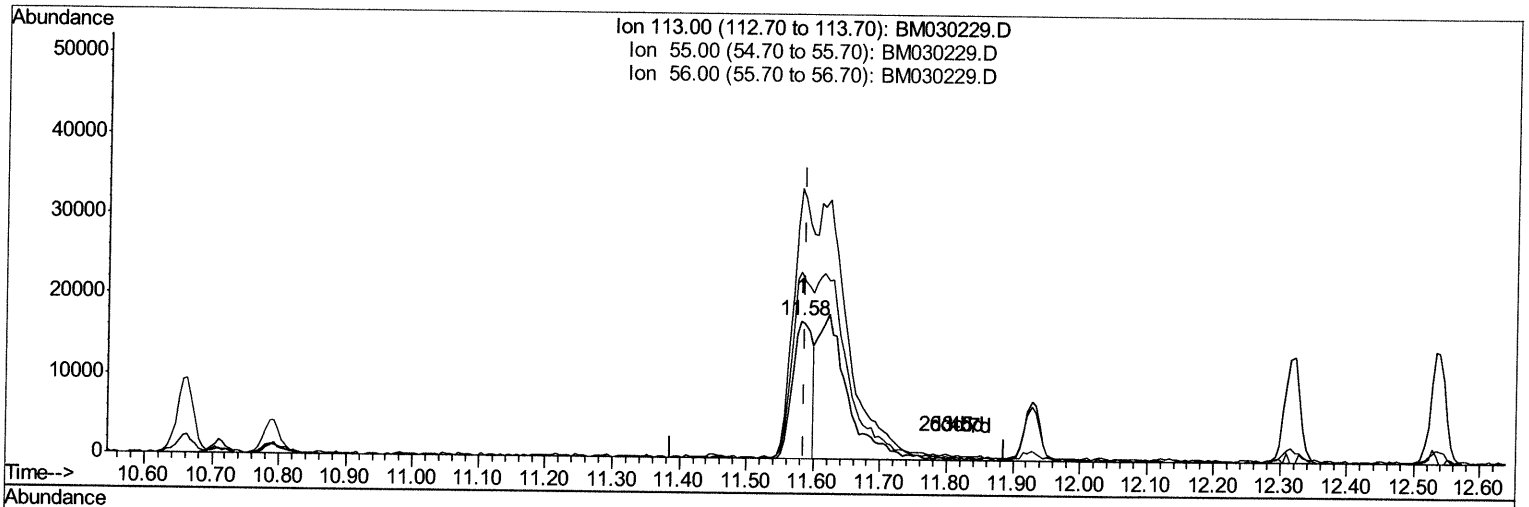

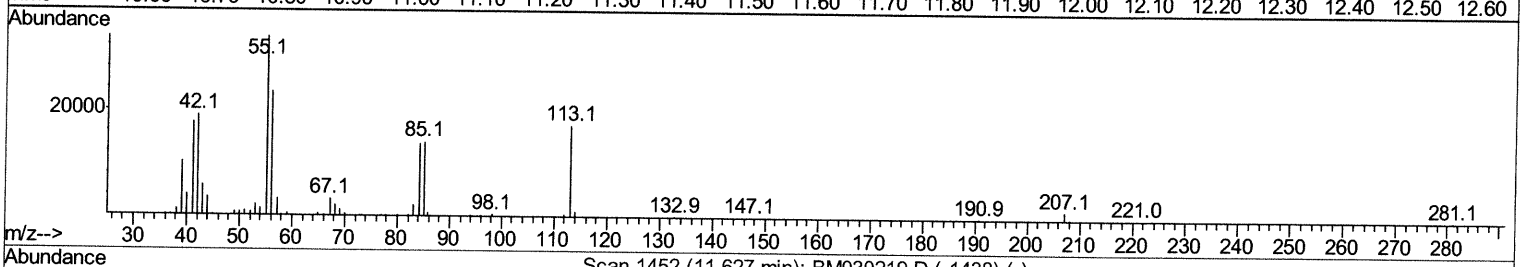

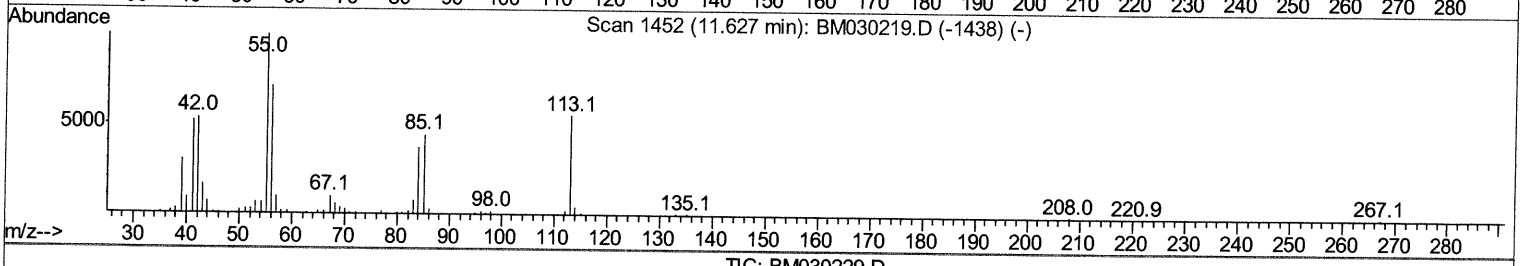

TIC: BM030229.D

(34) Caprolactam

11.580min (-0.006) 6.06ng/ul

response 34968

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	195.54
56.00	134.00	135.08
0.00	0.00	0.00

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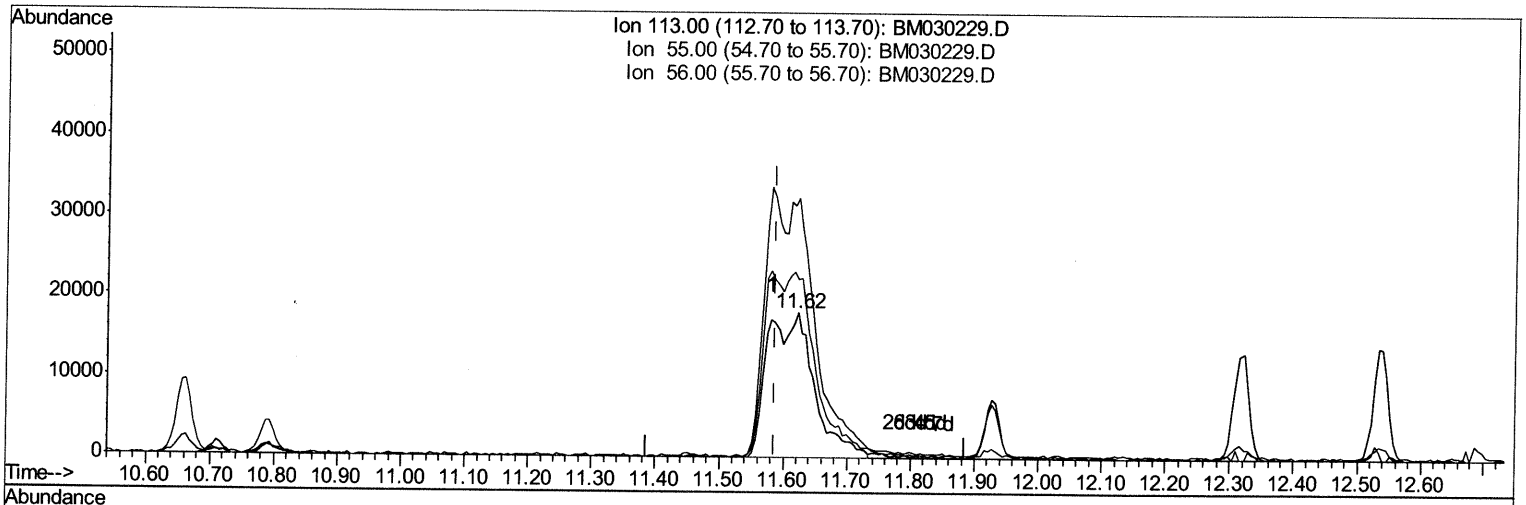

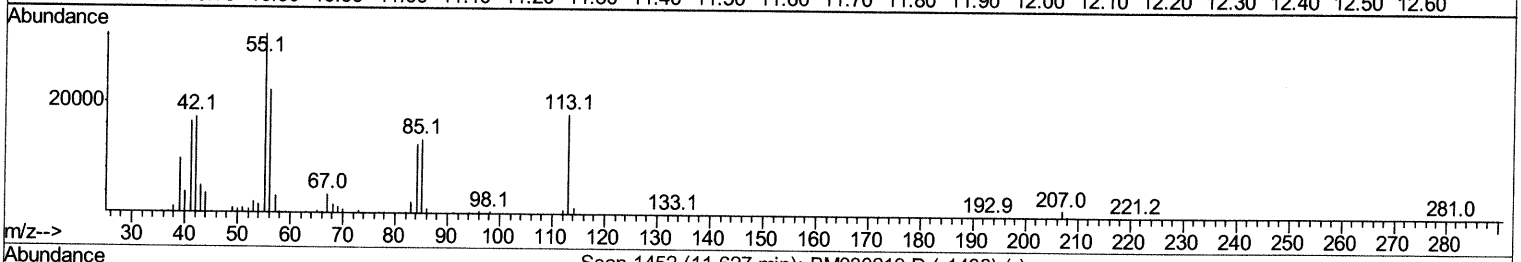

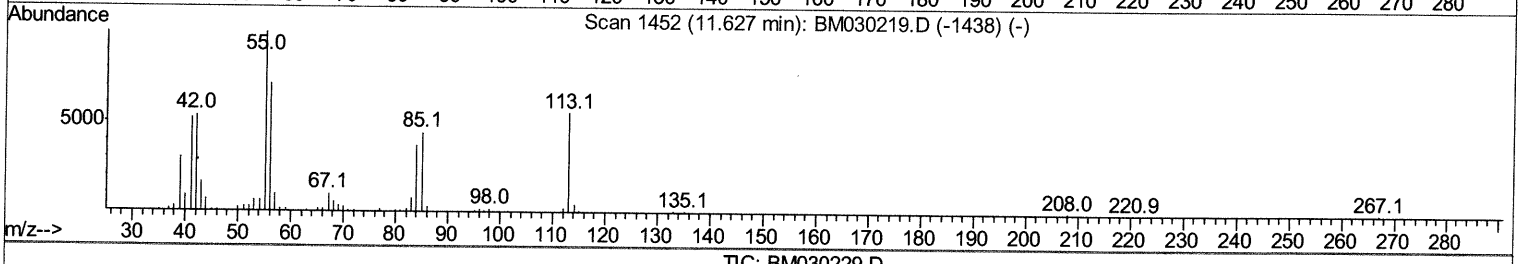

TIC: BM030229.D

(34) Caprolactam

11.622min (+0.035) 15.76ng/ul m 06/01/21JU

response 90897

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	179.52
56.00	134.00	123.55
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	286507	20.00	ng/ul	0.00
20) Naphthalene-d8	10.66	136	1220190	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	747904	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1386109	20.00	ng/ul	0.00
79) Chrysene-d12	21.38	240	1217682	20.00	ng/ul	0.00
88) Perylene-d12	23.67	264	1196466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	54439	7.78	ng/uL	0.00
4) Pyridine-d5	3.75	84	370899	18.90	ng/ul	0.00
7) Phenol-d5	7.02	99	488039	19.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	307408	19.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	375060	19.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.56	113	383869	19.19	ng/ul	0.00
21) Nitrobenzene-d5	9.02	128	169753	21.31	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	165931	21.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.27	165	388552	19.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.79	131	530138	18.24	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	1056669	18.48	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1397443	18.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	166254	17.99	ng/ul	0.00
60) Fluorene-d10	15.48	176	910668	18.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	126808	18.87	ng/ul	0.00
73) Anthracene-d10	17.32	188	1297260	18.91	ng/ul	0.00
81) Pyrene-d10	19.60	212	1299041	19.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	1287261	18.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	60223	7.998	ng/uL	97
5) Pyridine	3.77	79	385558	19.130	ng/ul	98
6) Benzaldehyde	7.01	77	314458	23.394	ng/ul	96
8) Phenol	7.05	94	499661	19.525	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.29	93	402696	19.605	ng/ul	98
12) 2-Chlorophenol	7.43	128	388646	20.113	ng/ul	99
13) 2-Methylphenol	8.30	108	370824	19.164	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.40	45	658290	19.286	ng/ul	99
16) Acetophenone	8.69	105	614029	18.993	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.67	70	328423	19.258	ng/ul	99
18) 4-Methylphenol	8.63	108	406671	19.518	ng/ul	99
19) Hexachloroethane	8.95	117	158548	19.164	ng/ul	95
22) Nitrobenzene	9.06	77	448267	20.791	ng/ul	98
23) Isophorone	9.59	82	834217	18.349	ng/ul	99
25) 2-Nitrophenol	9.77	139	190197	22.207	ng/ul	98
26) 2,4-Dimethylphenol	9.83	107	441846	19.390	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.07	93	542944	19.484	ng/ul	100
29) 2,4-Dichlorophenol	10.30	162	380356	20.136	ng/ul	99
30) Naphthalene	10.71	128	1295011	19.344	ng/ul	99
32) 4-Chloroaniline	10.82	127	546143	18.149	ng/ul	99
33) Hexachlorobutadiene	11.00	225	243568	18.925	ng/ul	98
34) Caprolactam	11.62	113	90897m >	15.756	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	373964	18.887 ng/ul	99
36) 2-Methylnaphthalene	12.32	142	937869	18.736 ng/ul	98
37) 1-Methylnaphthalene	12.54	142	920188	18.909 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	490501	20.213 ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	372461	21.903 ng/ul	100
41) 2,4,6-Trichlorophenol	12.92	196	284065	20.856 ng/ul	94
42) 2,4,5-Trichlorophenol	12.99	196	308534	20.939 ng/ul	99
43) 1,1'-Biphenyl	13.33	154	1179562	19.776 ng/ul	100
44) 2-Chloronaphthalene	13.37	162	903338	19.701 ng/ul	99
45) 2-Nitroaniline	13.57	65	221906	21.069 ng/ul	95
47) Dimethylphthalate	13.94	163	1037080	18.362 ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	186443	20.713 ng/ul	96
50) Acenaphthylene	14.21	152	1364284	19.168 ng/ul	99
51) 3-Nitroaniline	14.39	138	200776	19.138 ng/ul#	97
52) Acenaphthene	14.56	153	953924	18.974 ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	143037	25.310 ng/ul	95
55) 4-Nitrophenol	14.69	109	196056	19.325 ng/ul	95
56) Dibenzofuran	14.89	168	1312903	18.866 ng/ul	99
57) 2,4-Dinitrotoluene	14.84	165	256450	19.644 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	245708	19.747 ng/ul	97
59) Diethylphthalate	15.30	149	1007176	17.605 ng/ul	99
61) Fluorene	15.53	166	1082123	18.328 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.53	204	534301	18.457 ng/ul	99
63) 4-Nitroaniline	15.54	138	202811	18.801 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.60	198	130819	18.872 ng/ul	97
67) N-Nitrosodiphenylamine	15.74	169	910464	20.139 ng/ul	100
68) 4-Bromophenyl-phenylether	16.42	248	305960	19.611 ng/ul	98
69) Hexachlorobenzene	16.53	284	337738	18.939 ng/ul	96
70) Atrazine	16.69	200	281446	17.356 ng/ul	97
71) Pentachlorophenol	16.87	266	224421	20.607 ng/ul	99
72) Phenanthrene	17.27	178	1555762	19.152 ng/ul	99
74) Anthracene	17.36	178	1588768	19.067 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	501538	22.177 ng/uL	98
76) Pentachlorobenzene	14.81	250	436028	20.785 ng/uL	99
77) Carbazole	17.62	167	1350930	17.891 ng/ul	99
78) Di-n-butylphthalate	18.19	149	1492009	17.789 ng/ul	99
80) Fluoranthene	19.27	202	1609628	20.174 ng/ul	98
82) Pyrene	19.63	202	1687701	20.238 ng/ul	99
83) Butylbenzylphthalate	20.52	149	547442	19.233 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	508014	19.705 ng/ul	99
85) Benzo(a)anthracene	21.37	228	1541852	19.218 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.30	149	875226	19.162 ng/ul	100
87) Chrysene	21.42	228	1501248	19.223 ng/ul	100
89) Di-n-octyl phthalate	22.19	149	1424420	18.515 ng/ul	100
90) Benzo(b)fluoranthene	22.98	252	1568202	19.559 ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	1476213	18.670 ng/ul	99
93) Benzo(a)pyrene	23.57	252	1363534	19.267 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.00	276	1792844	20.225 ng/ul	99
95) Dibenzo(a,h)anthracene	26.01	278	1505752	20.317 ng/ul	99
96) Benzo(g,h,i)perylene	26.71	276	1466233	20.244 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