Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030738.D
Acq On : 01 Jul 2021 11:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 01 12:28:24 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
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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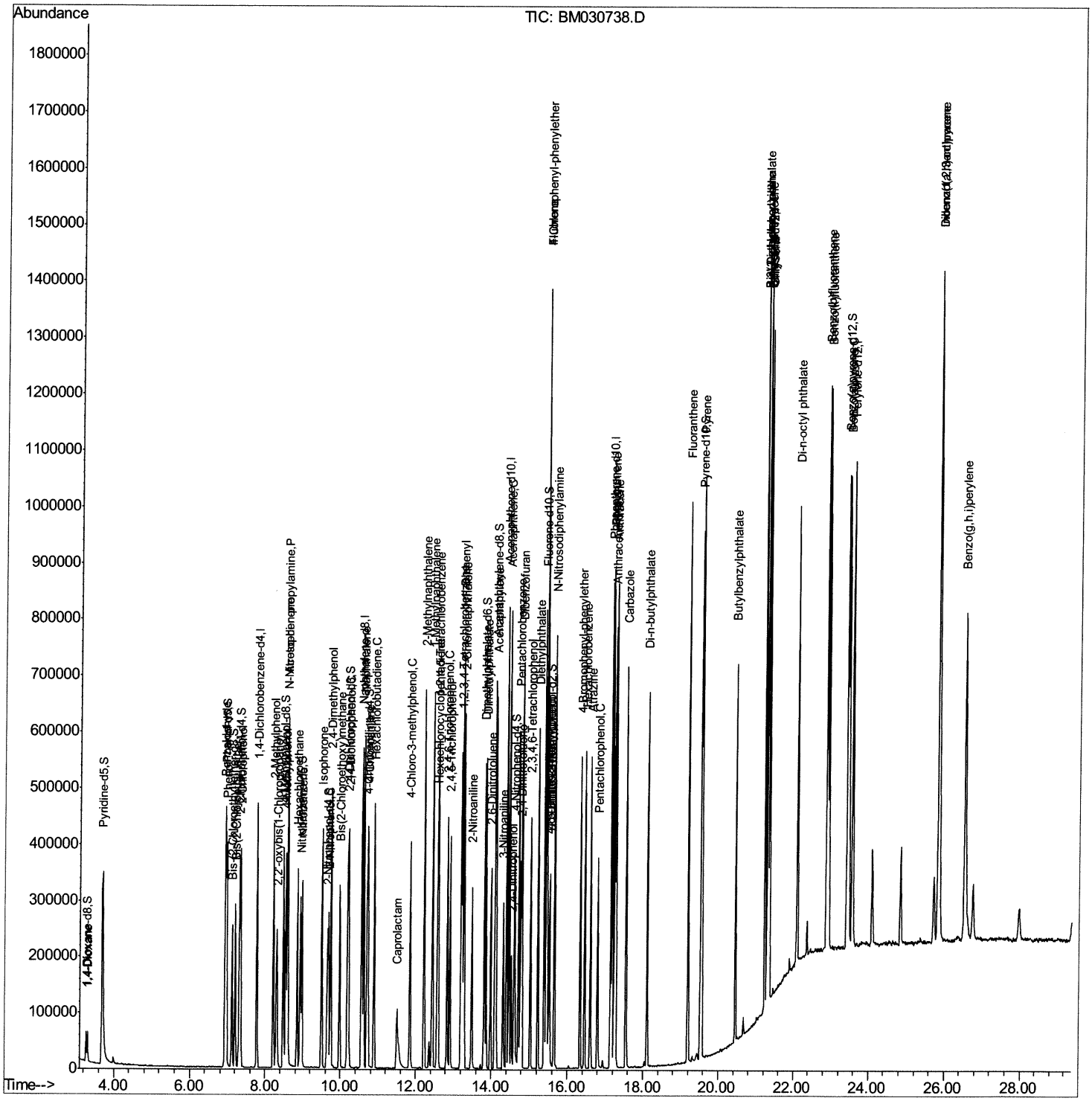

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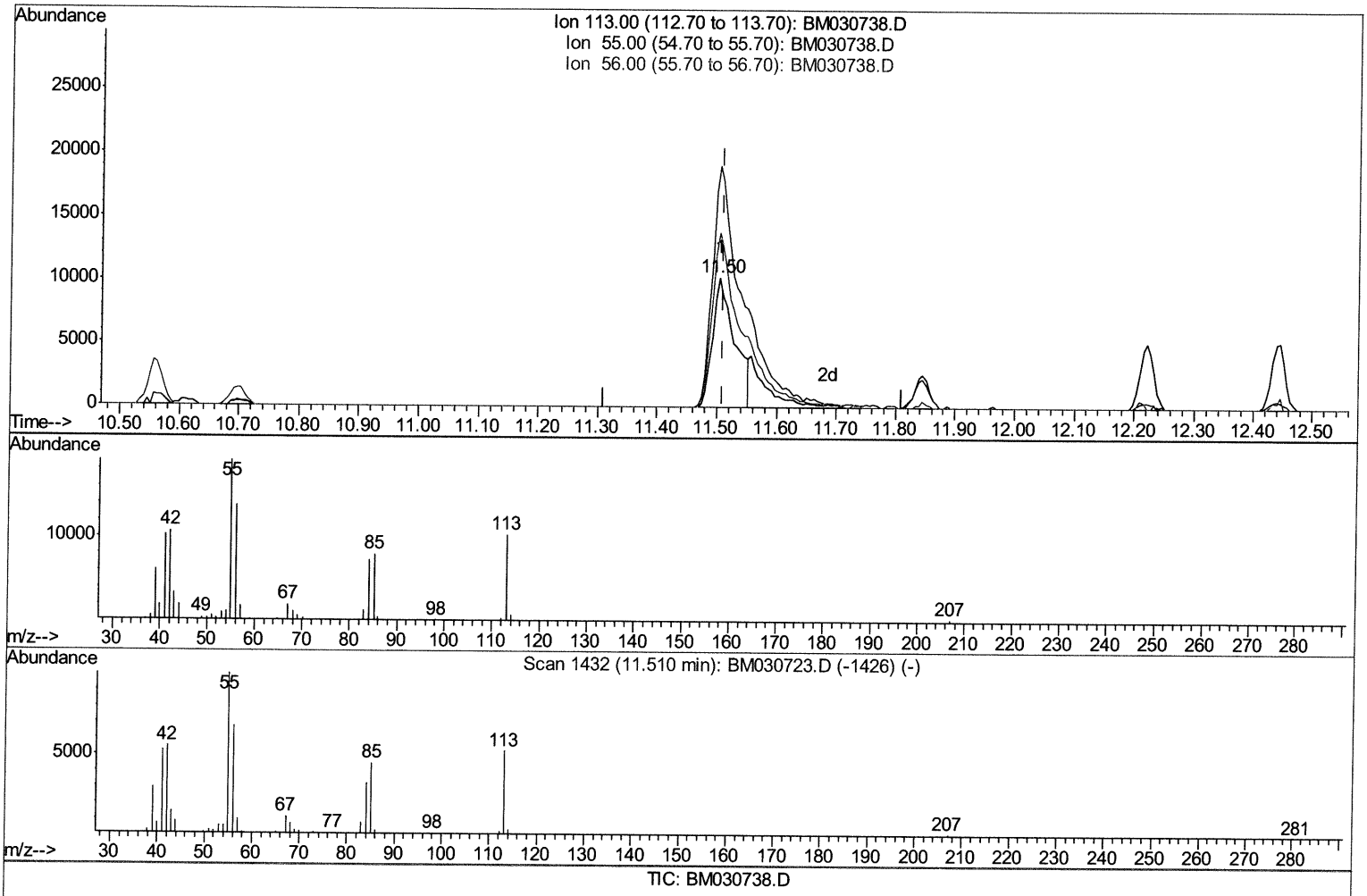

TIC: BM030738.D

(34) Caprolactam

11.504min (-0.006) 12.77ng/ul

response 26123

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	185.60
56.00	127.40	134.24
0.00	0.00	0.00

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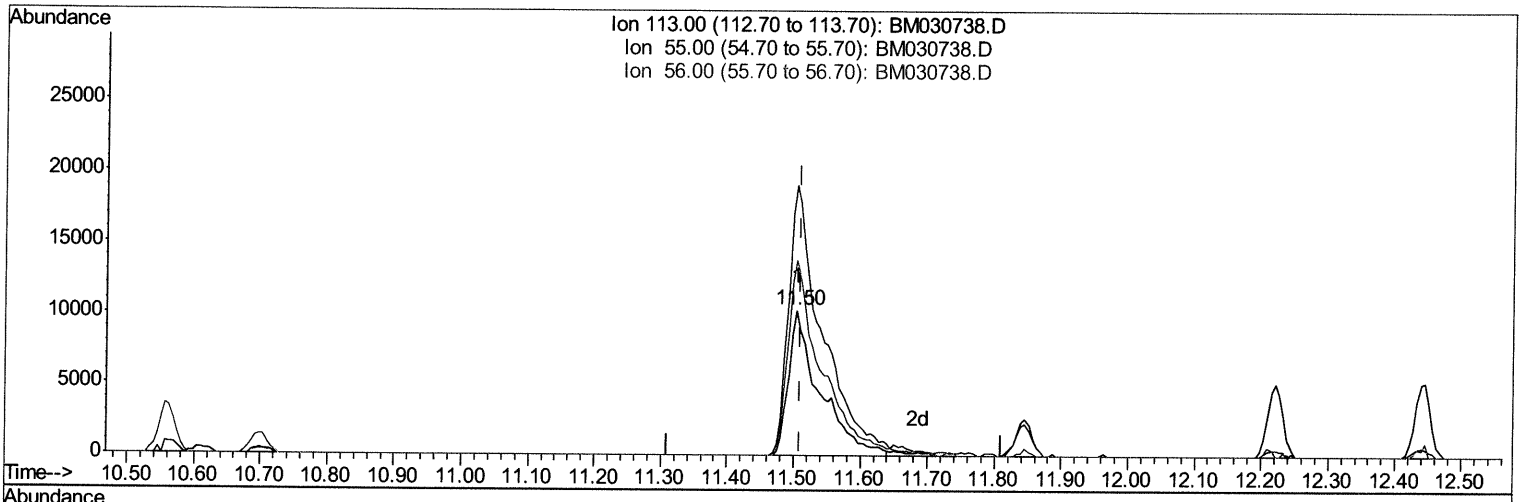

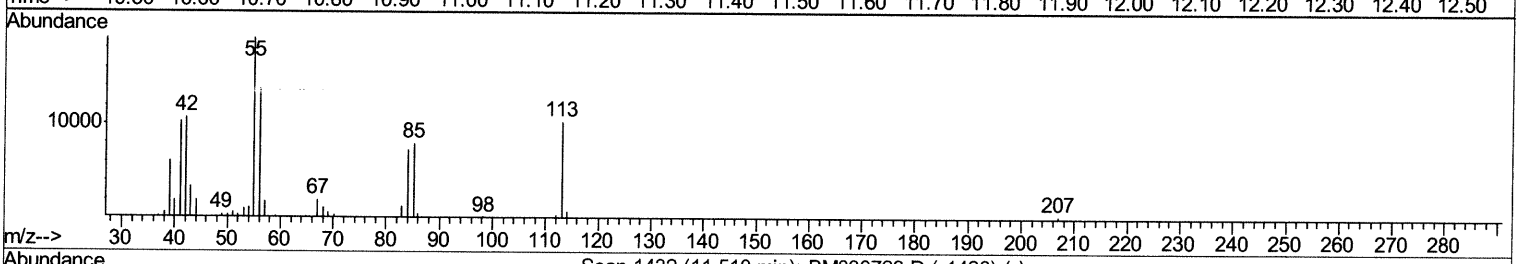

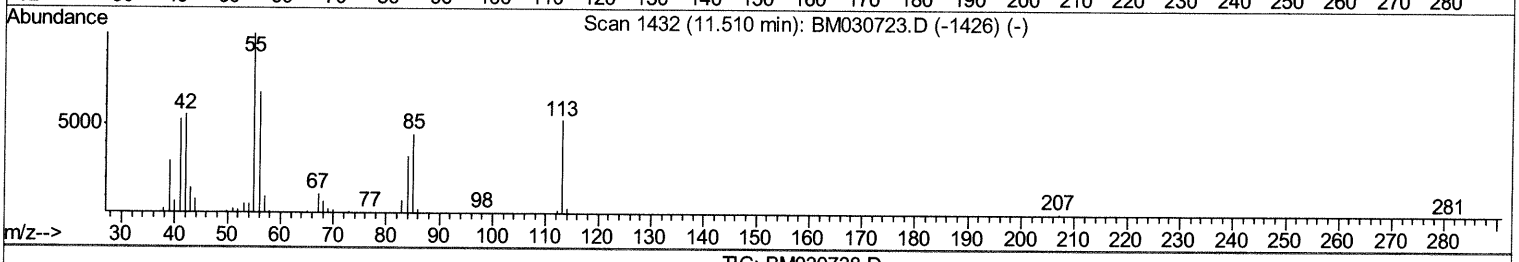

TIC: BM030738.D

(34) Caprolactam

11.504min (-0.006) 16.43ng/ul m 07/07/21 JU

response 33607

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	185.60
56.00	127.40	134.24
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	119920	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	463135	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	265795	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	494792	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	495362	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	579187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	23394	7.91	ng/uL	0.00
4) Pyridine-d5	3.67	84	148129	18.64	ng/ul	0.00
7) Phenol-d5	6.95	99	185939	17.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	117650	18.10	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	153767	19.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	141829	17.62	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	66875	19.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	72925	18.99	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	142160	19.32	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	181549	17.69	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	347121	18.91	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	466237	19.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	58816	16.92	ng/ul	0.00
60) Fluorene-d10	15.40	176	305623	18.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	50377	15.56	ng/ul	0.00
73) Anthracene-d10	17.24	188	441814	19.13	ng/ul	0.00
81) Pyrene-d10	19.53	212	459857	17.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	572725	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	24344	7.738	ng/uL	97
5) Pyridine	3.70	79	158425	18.518	ng/ul	99
6) Benzaldehyde	6.92	77	119818	23.827	ng/ul	90
8) Phenol	6.97	94	191640	18.325	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	148003	17.957	ng/ul	99
12) 2-Chlorophenol	7.34	128	153515	19.082	ng/ul	98
13) 2-Methylphenol	8.22	108	135986	17.945	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.30	45	237567	18.184	ng/ul	99
16) Acetophenone	8.60	105	221462	17.818	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.58	70	113086	18.394	ng/ul	97
18) 4-Methylphenol	8.54	108	145203	17.595	ng/ul	93
19) Hexachloroethane	8.85	117	64823	19.231	ng/ul	97
22) Nitrobenzene	8.97	77	175292	20.106	ng/ul	99
23) Isophorone	9.50	82	287126	19.018	ng/ul	98
25) 2-Nitrophenol	9.68	139	78973	19.365	ng/ul	96
26) 2,4-Dimethylphenol	9.74	107	160944	19.526	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	182124	18.542	ng/ul	99
29) 2,4-Dichlorophenol	10.21	162	136466	19.361	ng/ul	98
30) Naphthalene	10.61	128	451633	19.260	ng/ul	98
32) 4-Chloroaniline	10.72	127	181292	17.798	ng/ul	100
33) Hexachlorobutadiene	10.89	225	94760	19.883	ng/ul	99
34) Caprolactam	11.50	113	33607m	16.427	ng/ul	07/07/21 JJ

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	130035	18.789	ng/ul	98
36) 2-Methylnaphthalene	12.22	142	308101	18.829	ng/ul	98
37) 1-Methylnaphthalene	12.45	142	308062	18.599	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	165567	19.966	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	94721	17.505	ng/ul	96
41) 2,4,6-Trichlorophenol	12.83	196	102678	19.661	ng/ul	96
42) 2,4,5-Trichlorophenol	12.91	196	109750	19.691	ng/ul	98
43) 1,1'-Biphenyl	13.24	154	383045	19.527	ng/ul	100
44) 2-Chloronaphthalene	13.28	162	303677	19.691	ng/ul	100
45) 2-Nitroaniline	13.49	65	85542	20.639	ng/ul	96
47) Dimethylphthalate	13.86	163	341092	18.969	ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	67768	19.560	ng/ul	99
50) Acenaphthylene	14.13	152	437437	19.796	ng/ul	99
51) 3-Nitroaniline	14.32	138	72055	19.523	ng/ul	98
52) Acenaphthene	14.47	153	309085	19.274	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	43649	19.164	ng/ul	99
55) 4-Nitrophenol	14.62	109	52507	18.877	ng/ul	96
56) Dibenzofuran	14.80	168	432154	19.330	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	95137	19.611	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	86130	19.089	ng/ul	99
59) Diethylphthalate	15.23	149	327272	18.946	ng/ul	100
61) Fluorene	15.45	166	349600	18.974	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	174846	19.055	ng/ul	100
63) 4-Nitroaniline	15.47	138	72397	20.599	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.54	198	49330	15.659	ng/ul	100
67) N-Nitrosodiphenylamine	15.66	169	291688	19.780	ng/ul	99
68) 4-Bromophenyl-phenylether	16.34	248	99003	19.610	ng/ul	99
69) Hexachlorobenzene	16.46	284	113379	19.415	ng/ul	97
70) Atrazine	16.61	200	93782	17.930	ng/ul	98
71) Pentachlorophenol	16.80	266	64656	17.669	ng/ul	95
72) Phenanthrene	17.19	178	507834	19.112	ng/ul	99
74) Anthracene	17.27	178	519795	19.133	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	163936	20.773	ng/uL	100
76) Pentachlorobenzene	14.73	250	149133	19.838	ng/uL	99
77) Carbazole	17.54	167	448185	18.397	ng/ul	100
78) Di-n-butylphthalate	18.11	149	475081	19.138	ng/ul	100
80) Fluoranthene	19.20	202	558568	17.620	ng/ul	98
82) Pyrene	19.56	202	591641	17.762	ng/ul	100
83) Butylbenzylphthalate	20.45	149	195918	17.869	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	177663	18.195	ng/ul	98
85) Benzo(a)anthracene	21.30	228	590139	19.197	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	275830	17.491	ng/ul	99
87) Chrysene	21.35	228	576132	19.224	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	481609	14.455	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	690624	18.781	ng/ul	99
91) Benzo(k)fluoranthene	22.93	252	638273	18.062	ng/ul	100
93) Benzo(a)pyrene	23.47	252	620493	18.767	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.84	276	862282	20.716	ng/ul	98
95) Dibenzo(a,h)anthracene	25.85	278	716158	20.755	ng/ul	99
96) Benzo(g,h,i)perylene	26.54	276	712411	20.514	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