Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012020\
Data File : BM024548.D
Acq On : 20 Jan 2020 15:12
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 17:27:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 15:42:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02004

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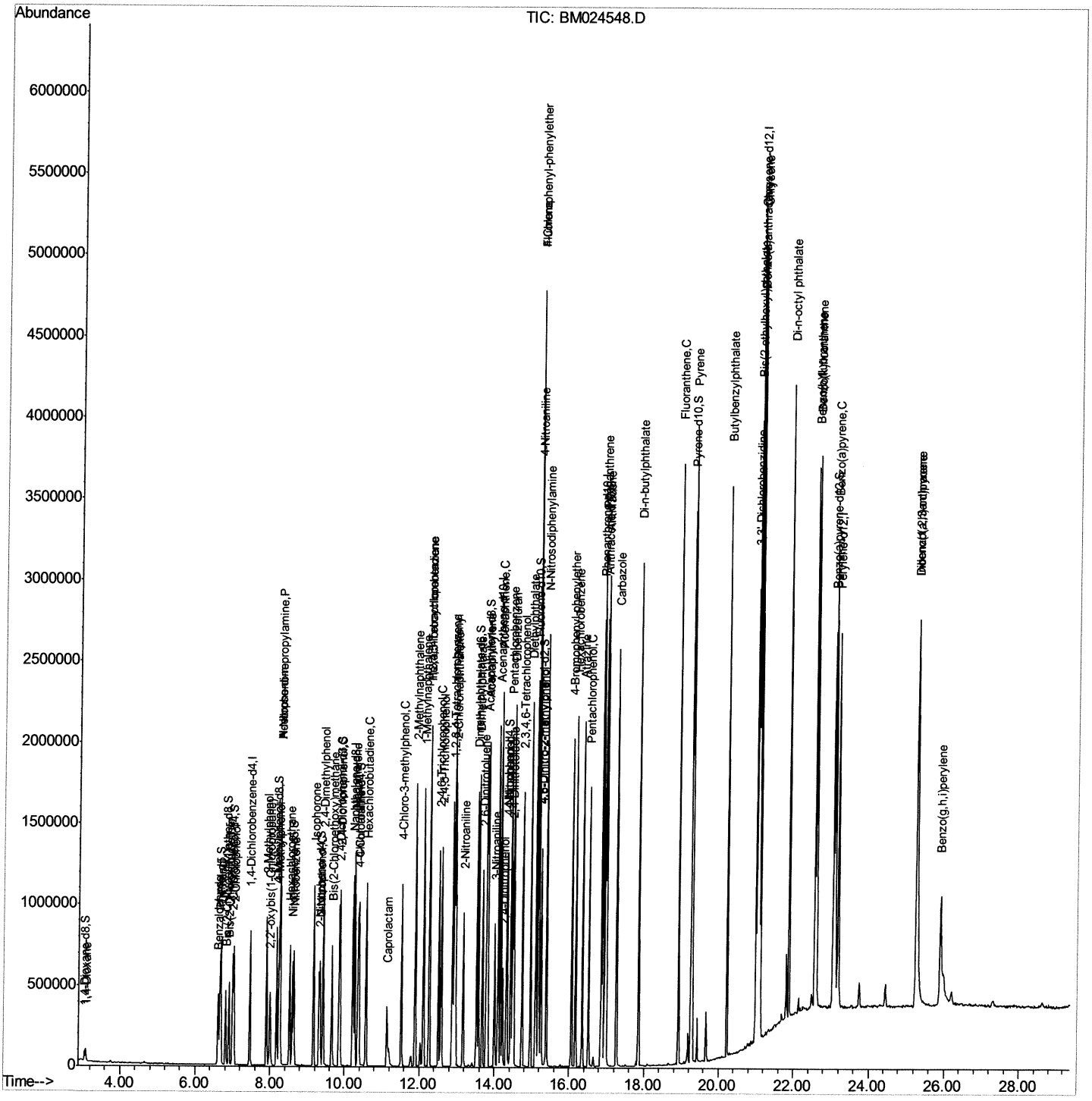

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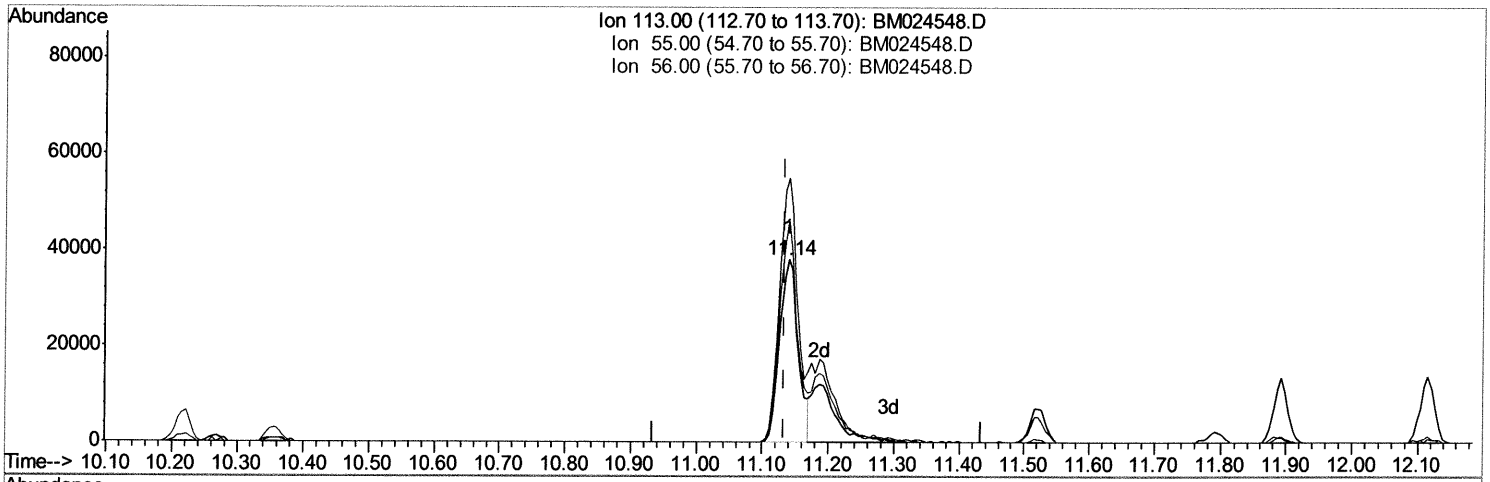

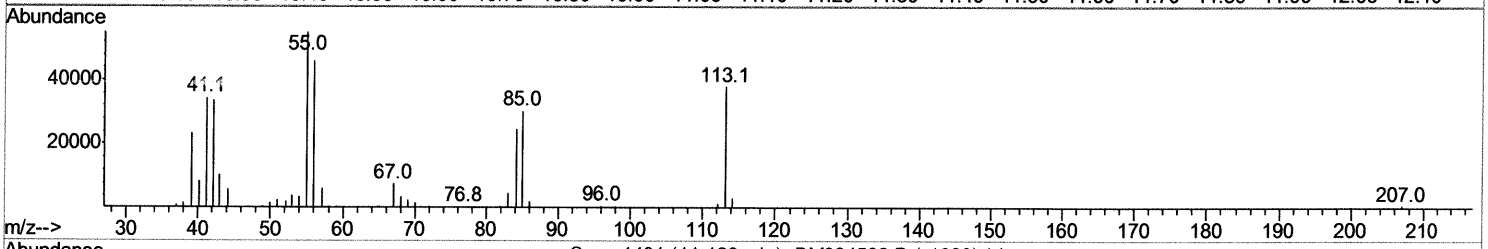

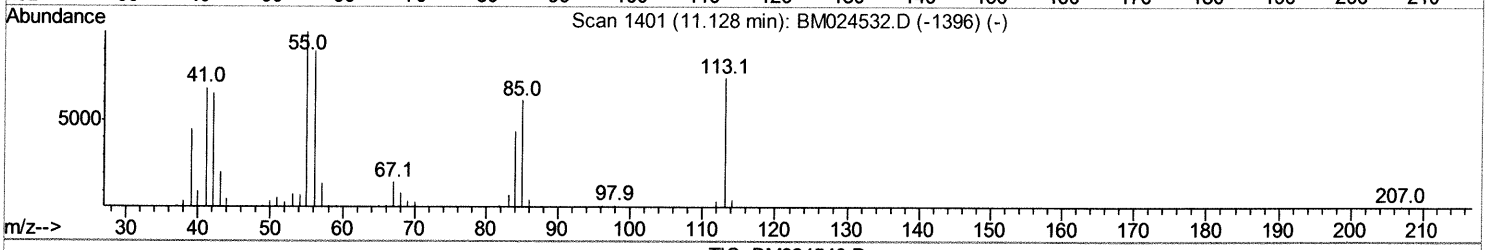

TIC: BM024548.D

(32) Caprolactam

11.139min (+0.005) 15.35ng/ul

response 74579

Ion	Exp%	Act%
113.00	100	100
55.00	147.90	144.85
56.00	113.50	121.54
0.00	0.00	0.00

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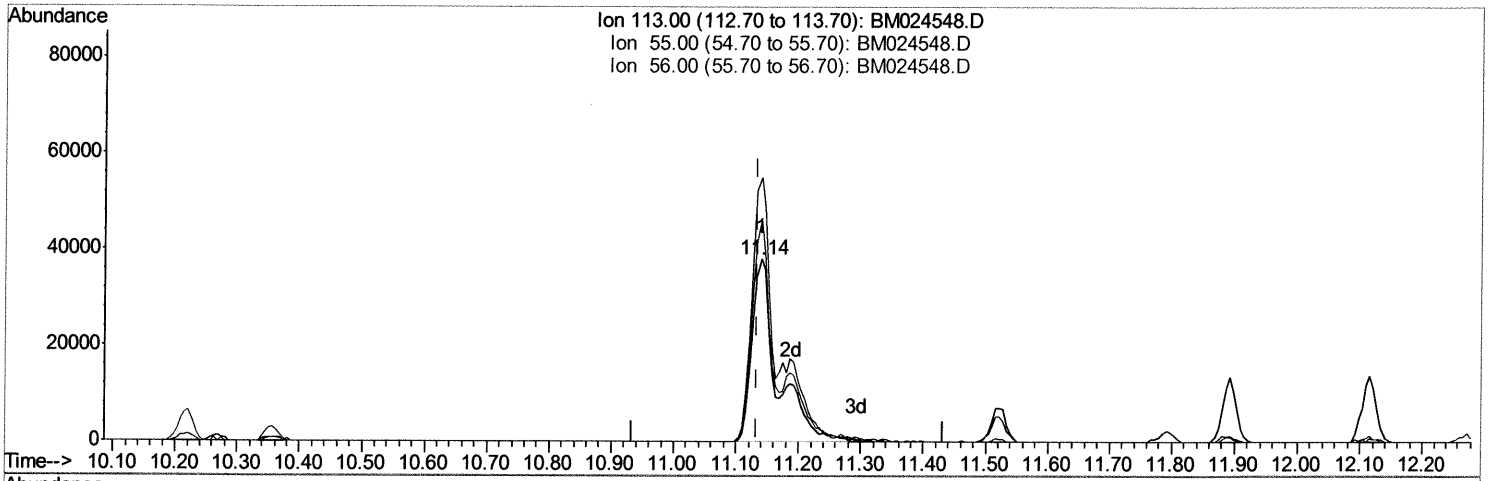

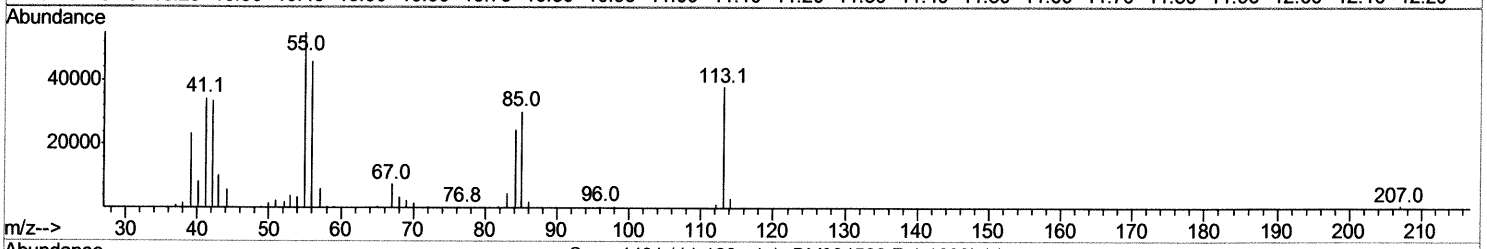

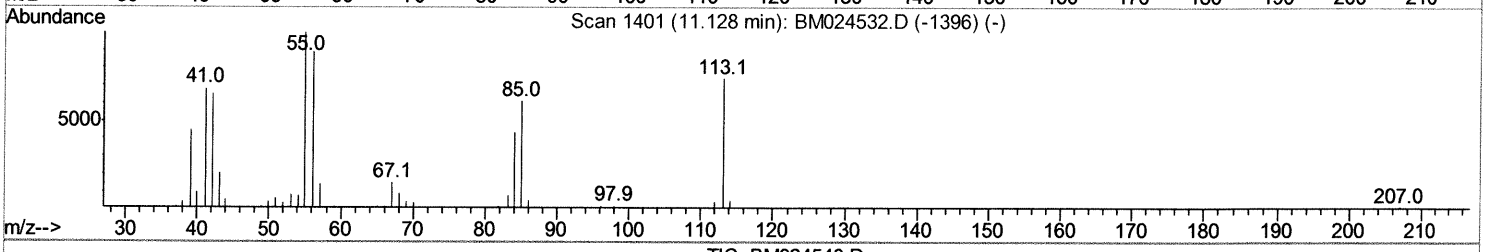

TIC: BM024548.D

(32) Caprolactam

11.139min (+0.005) 21.74ng/ul m> SJ 1/21/20

response 105621

Ion	Exp%	Act%
113.00	100	100
55.00	147.90	144.85
56.00	113.50	121.54
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	7.46	152	217823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	970631	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	701811	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1643198	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1663426	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1606856	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	35847	8.04	ng/uL	0.00
5) Phenol-d5	6.65	99	336190	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	182428	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	295137	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	297228	19.97	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	151614	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	175408	23.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	347180	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	412514	22.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1130736	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1261662	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	195337	21.28	ng/ul	0.00
58) Fluorene-d10	15.11	176	956118	19.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	200466	21.37	ng/ul	0.00
71) Anthracene-d10	16.96	188	1568178	20.52	ng/ul	0.00
79) Pyrene-d10	19.26	212	1847165	20.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1716442	20.59	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	37870	8.181	ng/uL	89
4) Benzaldehyde	6.61	77	133138	15.548	ng/ul	96
6) Phenol	6.67	94	357998	21.820	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	271959	21.164	ng/ul	97
10) 2-Chlorophenol	7.03	128	308584	22.361	ng/ul	97
11) 2-Methylphenol	7.91	108	278975	20.746	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	324293	21.354	ng/ul	98
14) Acetophenone	8.27	105	490392	20.986	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	240674	21.784	ng/ul	98
16) 4-Methylphenol	8.23	108	313782	20.955	ng/ul	98
17) Hexachloroethane	8.52	117	129099	20.962	ng/ul	94
20) Nitrobenzene	8.64	77	353727	21.432	ng/ul	95
21) Isophorone	9.17	82	685727	21.102	ng/ul	99
23) 2-Nitrophenol	9.35	139	195955	24.264	ng/ul	92
24) 2,4-Dimethylphenol	9.42	107	375705	21.434	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	399133	21.347	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	347082	21.519	ng/ul	99
28) Naphthalene	10.27	128	1036429	20.843	ng/ul	100
30) 4-Chloroaniline	10.38	127	427905	23.555	ng/ul	98
31) Hexachlorobutadiene	10.57	225	247404	19.271	ng/ul	98
32) Caprolactam	11.14	113	105621m	21.739	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	361791	21.582	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	812388	21.055	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	12.12	142	779264	19.922 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	492111	21.313 ng/ul	99
38) Hexachlorocyclopentadiene	12.26	237	243517	14.582 ng/ul	100
39) 2,4,6-Trichlorophenol	12.52	196	318341	22.535 ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	347340	22.965 ng/ul	98
41) 1,1'-Biphenyl	12.93	154	1098246	21.554 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	861145	21.009 ng/ul	98
43) 2-Nitroaniline	13.17	65	236354	25.169 ng/ul	96
45) Dimethylphthalate	13.58	163	1154574	20.655 ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	243446	23.144 ng/ul	97
48) Acenaphthylene	13.82	152	1327195	20.529 ng/ul	99
49) 3-Nitroaniline	14.01	138	216382	24.950 ng/ul	98
50) Acenaphthene	14.17	153	909075	20.776 ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	132209	23.003 ng/ul	95
53) 4-Nitrophenol	14.34	109	183469	21.498 ng/ul	94
54) Dibenzofuran	14.51	168	1362654	21.258 ng/ul	99
55) 2,4-Dinitrotoluene	14.48	165	358091	22.769 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.74	232	332653	22.662 ng/ul	97
57) Diethylphthalate	14.96	149	1181634	20.587 ng/ul	99
59) Fluorene	15.16	166	1125308	20.764 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	616905	19.956 ng/ul	99
61) 4-Nitroaniline	15.18	138	247643	23.940 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.25	198	220796	22.257 ng/ul#	96
65) N-Nitrosodiphenylamine	15.38	169	996189	21.828 ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	397781	20.420 ng/ul	97
67) Hexachlorobenzene	16.17	284	451053	20.162 ng/ul	96
68) Atrazine	16.35	200	396188	20.628 ng/ul	98
69) Pentachlorophenol	16.52	266	292067	21.929 ng/ul	98
70) Phenanthrene	16.90	178	1844972	20.820 ng/ul	99
72) Anthracene	16.99	178	1900693	21.033 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	498577	21.338 ng/uL	98
74) Pentachlorobenzene	14.43	250	516648	20.887 ng/uL	99
75) Carbazole	17.26	167	1677769	22.065 ng/ul	99
76) Di-n-butylphthalate	17.86	149	2031327	21.250 ng/ul	99
77) Fluoranthene	18.92	202	2319510	21.416 ng/ul	98
80) Pyrene	19.29	202	2365859	20.776 ng/ul	99
81) Butylbenzylphthalate	20.23	149	958226	23.960 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	764337	21.352 ng/ul	99
83) Benzo(a)anthracene	21.05	228	2450273	21.624 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1409205	22.259 ng/ul	99
85) Chrysene	21.10	228	2249614	20.603 ng/ul	99
87) Di-n-octyl phthalate	21.88	149	2315445	21.052 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2281644	21.483 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	2159795	20.692 ng/ul	99
91) Benzo(a)pyrene	23.10	252	2030905	22.004 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1955726	20.252 ng/ul	96
93) Dibenzo(a,h)anthracene	25.28	278	1748089	21.329 ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1214566	15.825 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