Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017760.D
Acq On : 23 Nov 2018 14:16
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 23:10:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02064

Manual Integrations APPROVED
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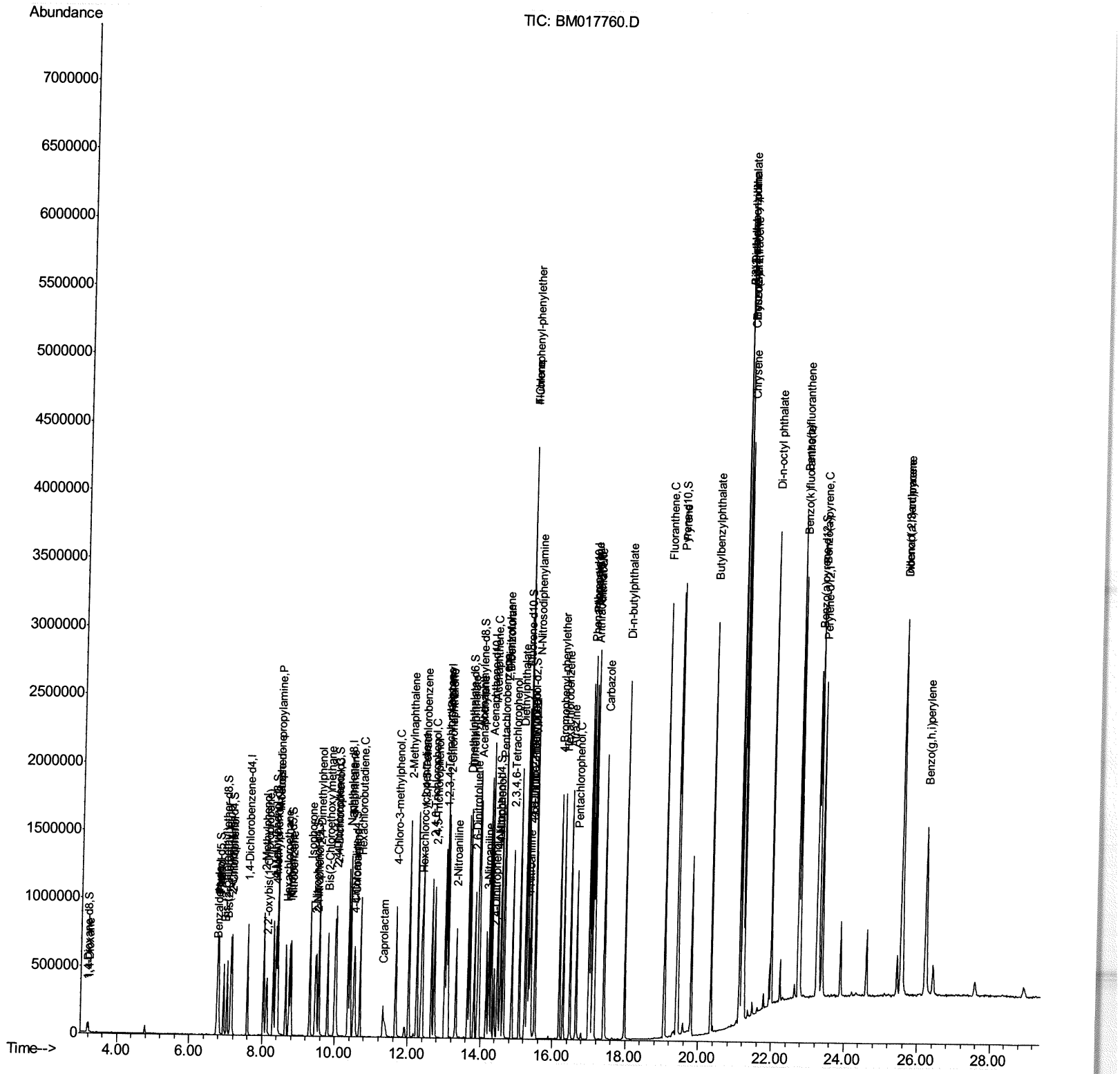
11/26/2018 3:11:16 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017760.D
Acq On : 23 Nov 2018 14:16
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 22:01:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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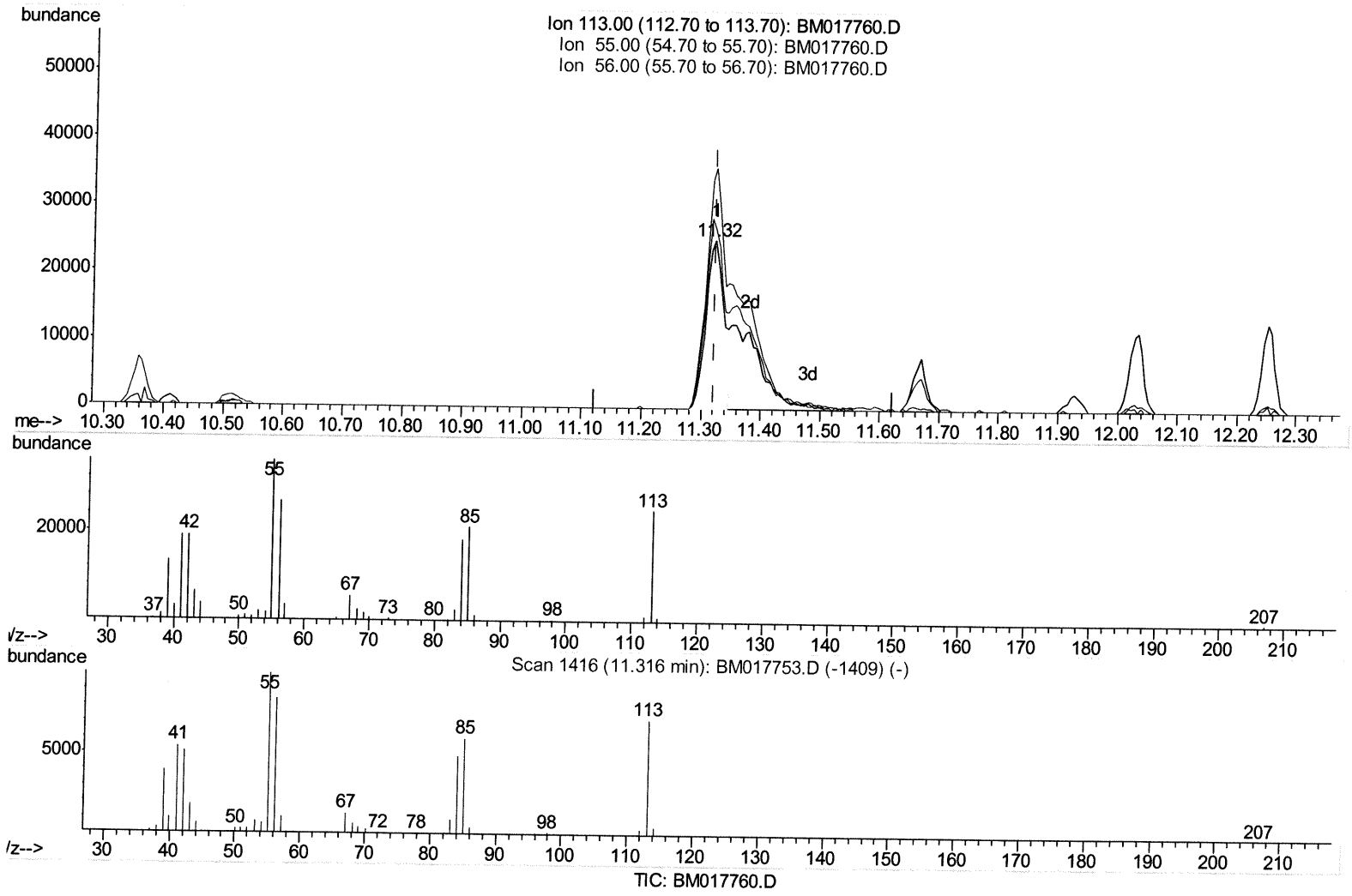

Scan 1416 (11.316 min): BM017753.D (-1409) (-)

TIC: BM017760.D

(32) Caprolactam

11.322min (-0.000) 10.07ng/ul

response 52271

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	143.11
56.00	110.30	107.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
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MOHAMMAD
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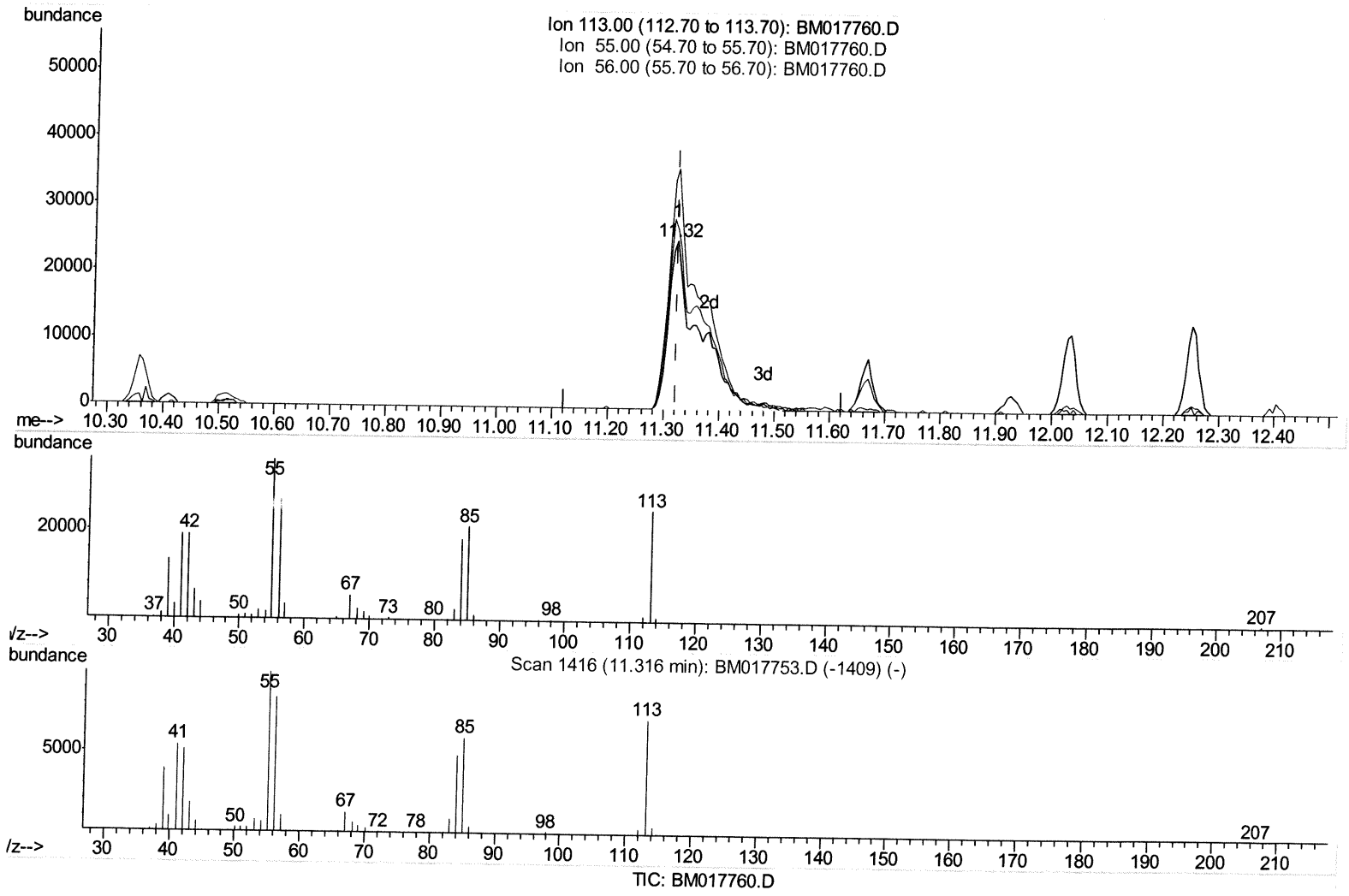

(32) Caprolactam

11.322min (-0.000) 18.66ng/ul m JJe 11/27/18

response 96877

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	143.11
56.00	110.30	107.46
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	213550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	992044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	620203	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1463009	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1693822	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1611849	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	35882	7.69	ng/uL	0.00
5) Phenol-d5	6.77	99	376352	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	231529	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	310005	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	312791	19.63	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	152363	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	171306	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	328241	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	293455	20.57	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	1056694	19.64	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1293478	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	180639	18.46	ng/ul	0.00
57) Fluorene-d10	15.24	176	910620	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	191211	18.28	ng/ul	0.00
70) Anthracene-d10	17.09	188	1429432	19.62	ng/ul	0.00
78) Pyrene-d10	19.40	212	1622806	19.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1737697	19.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	38594	7.752	ng/uL	89
4) Benzaldehyde	6.76	77	65185	17.924	ng/ul	95
6) Phenol	6.80	94	378852	19.461	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	291117	19.574	ng/ul	97
10) 2-Chlorophenol	7.16	128	307652	20.178	ng/ul	99
11) 2-Methylphenol	8.03	108	288910	19.451	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	347801	19.821	ng/ul	98
14) Acetophenone	8.42	105	489187	19.694	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	262190	20.239	ng/ul	98
16) 4-Methylphenol	8.36	108	321905	20.056	ng/ul	100
17) Hexachloroethane	8.65	117	119936	19.402	ng/ul	97
20) Nitrobenzene	8.79	77	381061	19.924	ng/ul	97
21) Isophorone	9.31	82	701761	19.724	ng/ul	99
23) 2-Nitrophenol	9.49	139	182804	20.119	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	382730	20.164	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	432920	19.884	ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	319015	20.327	ng/ul	96
28) Naphthalene	10.41	128	1027577	19.881	ng/ul	99
30) 4-Chloroaniline	10.53	127	297835	20.467	ng/ul	99
31) Hexachlorobutadiene	10.69	225	206753	19.837	ng/ul	98
32) Caprolactam	11.32	113	96877m>	18.658	ng/ul >	>Rec 27/18
33) 4-Chloro-3-methylphenol	11.67	107	364357	20.442	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	765807	19.847	ng/ul	97

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	407498	19.691	ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	238326	17.858	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	269775	20.058	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	286752	19.935	ng/ul	100
40) 1,1'-Biphenyl	13.06	154	1015130	19.883	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	789859	19.778	ng/ul	99
42) 2-Nitroaniline	13.33	65	233088	20.042	ng/ul	96
44) Dimethylphthalate	13.70	163	1023469	19.631	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	207123	20.218	ng/ul	99
47) Acenaphthylene	13.96	152	1215923	19.991	ng/ul	99
48) 3-Nitroaniline	14.16	138	191560	19.600	ng/ul	99
49) Acenaphthene	14.30	153	865700	19.749	ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	114071	16.423	ng/ul	97
52) 4-Nitrophenol	14.48	109	151185	18.787	ng/ul	98
53) Dibenzofuran	14.64	168	1223075	19.717	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	316866	20.428	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.87	232	264135	19.915	ng/ul	95
56) Diethylphthalate	15.08	149	1057938	19.698	ng/ul	98
58) Fluorene	15.29	166	1014839	19.619	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	515704	19.408	ng/ul	99
60) 4-Nitroaniline	15.33	138	199432	18.355	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	197776	18.349	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	882147	19.584	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	332619	19.896	ng/ul	93
66) Hexachlorobenzene	16.29	284	364215	19.600	ng/ul	96
67) Atrazine	16.47	200	321245	19.227	ng/ul	98
68) Pentachlorophenol	16.64	266	212152	18.351	ng/ul	98
69) Phenanthrene	17.03	178	1639299	19.594	ng/ul	99
71) Anthracene	17.13	178	1693582	19.794	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	397140	19.155	ng/uL	98
73) Pentachlorobenzene	14.56	250	418604	19.740	ng/uL	99
74) Carbazole	17.40	167	1475450	19.570	ng/ul	99
75) Di-n-butylphthalate	17.97	149	1808897	18.986	ng/ul	99
76) Fluoranthene	19.06	202	1994175	20.264	ng/ul	99
79) Pyrene	19.43	202	2040141	19.841	ng/ul	100
80) Butylbenzylphthalate	20.34	149	852483	19.389	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	663867	19.039	ng/ul	99
82) Benzo(a)anthracene	21.18	228	2076892	19.769	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1299395	19.958	ng/ul	100
84) Chrysene	21.23	228	1942867	19.774	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	2176828	19.282	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2013193	20.093	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	1948882	20.014	ng/ul	99
90) Benzo(a)pyrene	23.29	252	1889275	19.884	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	1922805	19.099	ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	1630290	19.180	ng/ul	99
93) Benzo(g,h,i)perylene	26.21	276	1562886	19.208	ng/ul	99

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