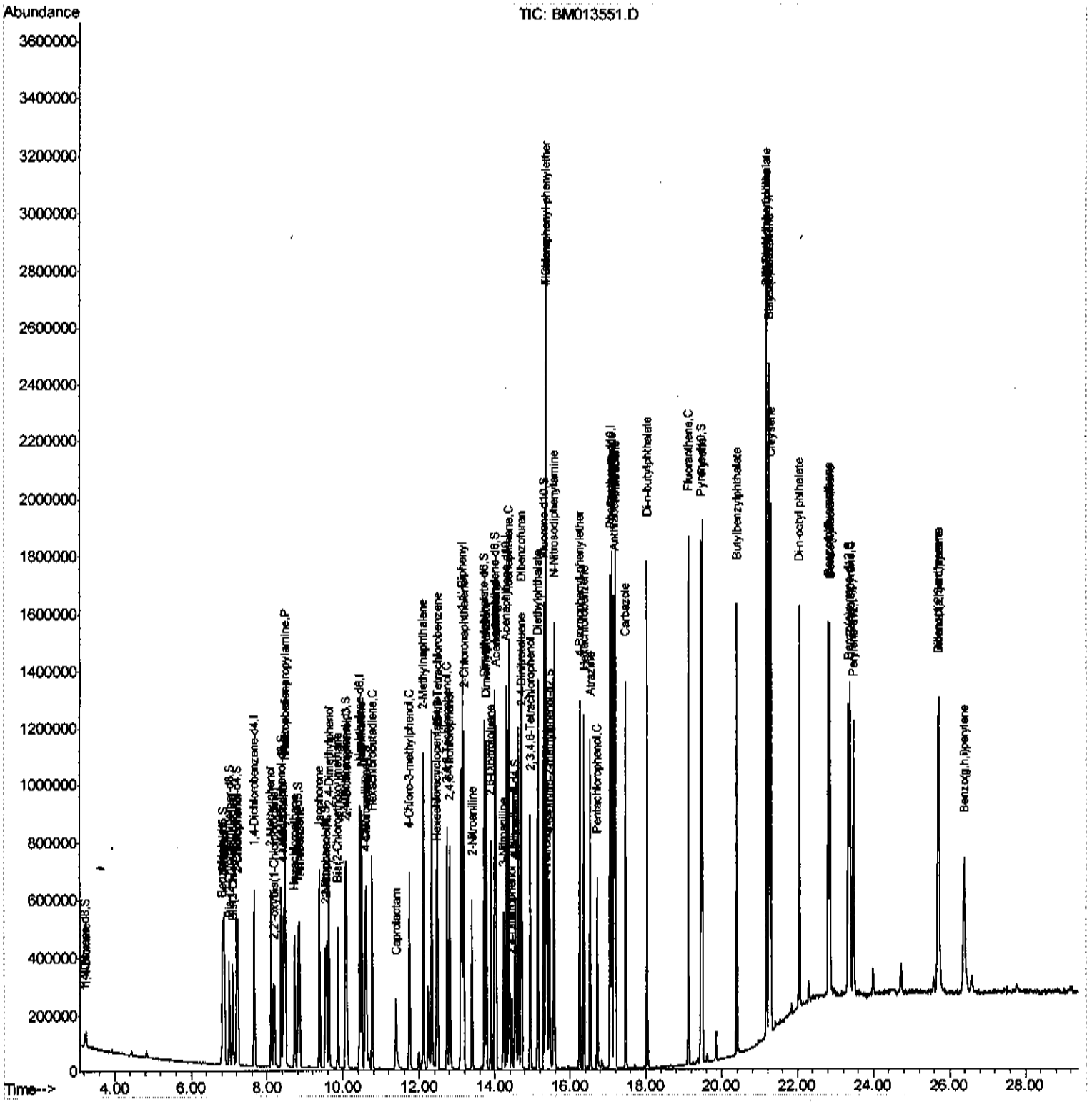
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122717\
Data File : BM013551.D
Acq On : 27 Dec 2017 11:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 14:45:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 14:40:26 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02005

Manual Integrations APPROVED
Sohil
12/27/2017 4:45:27 PM



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Data File : BM013551.D
Acq On : 27 Dec 2017 11:41
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 14:40:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 14:40:26 2017
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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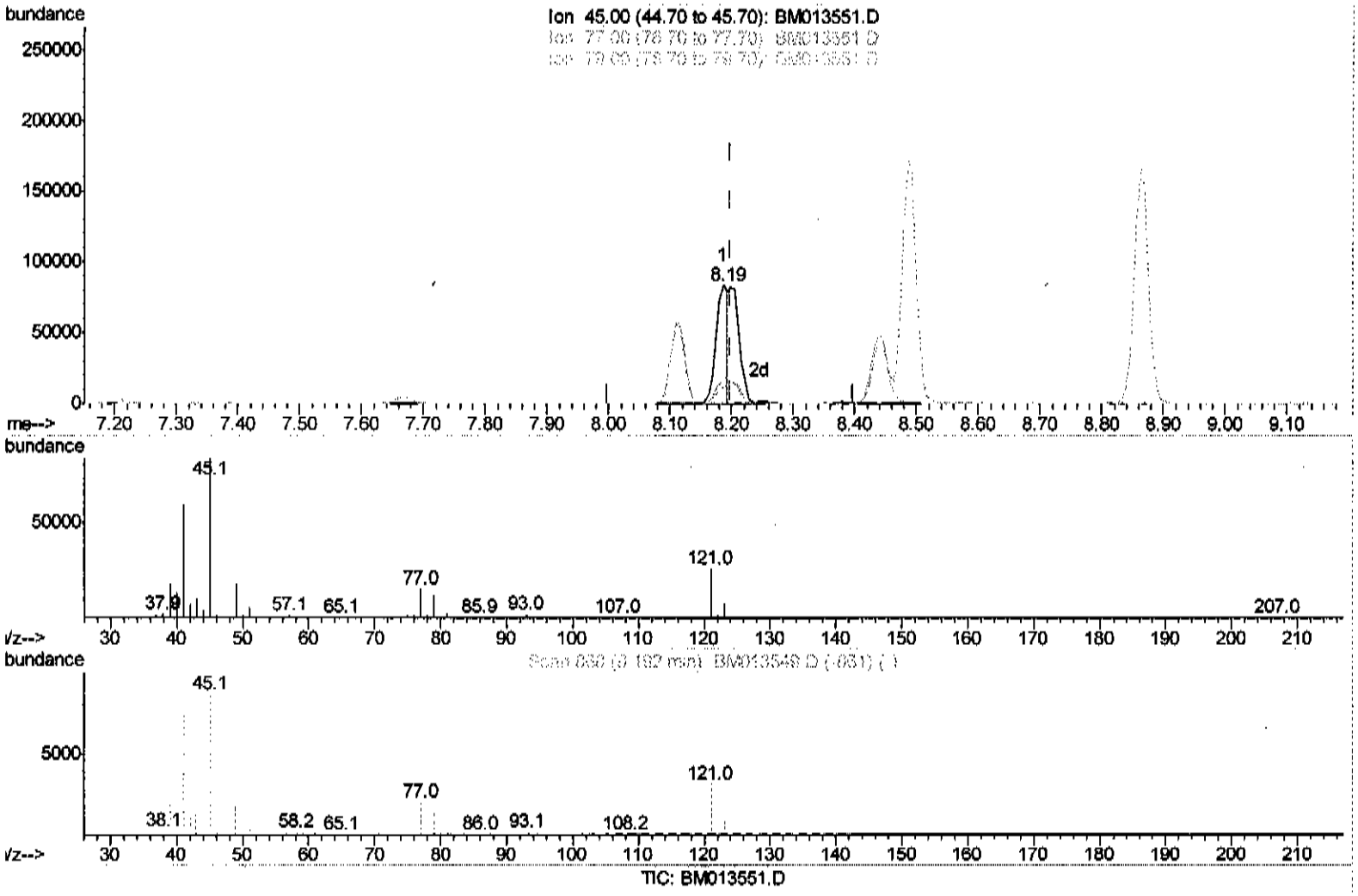

(12) 2,2'-oxybis(1-Chloropropane)

8.186min (-0.012) 10.31ng/ul

response 108868

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	18.79#
79.00	10.00	14.10#
0.00	0.00	0.00

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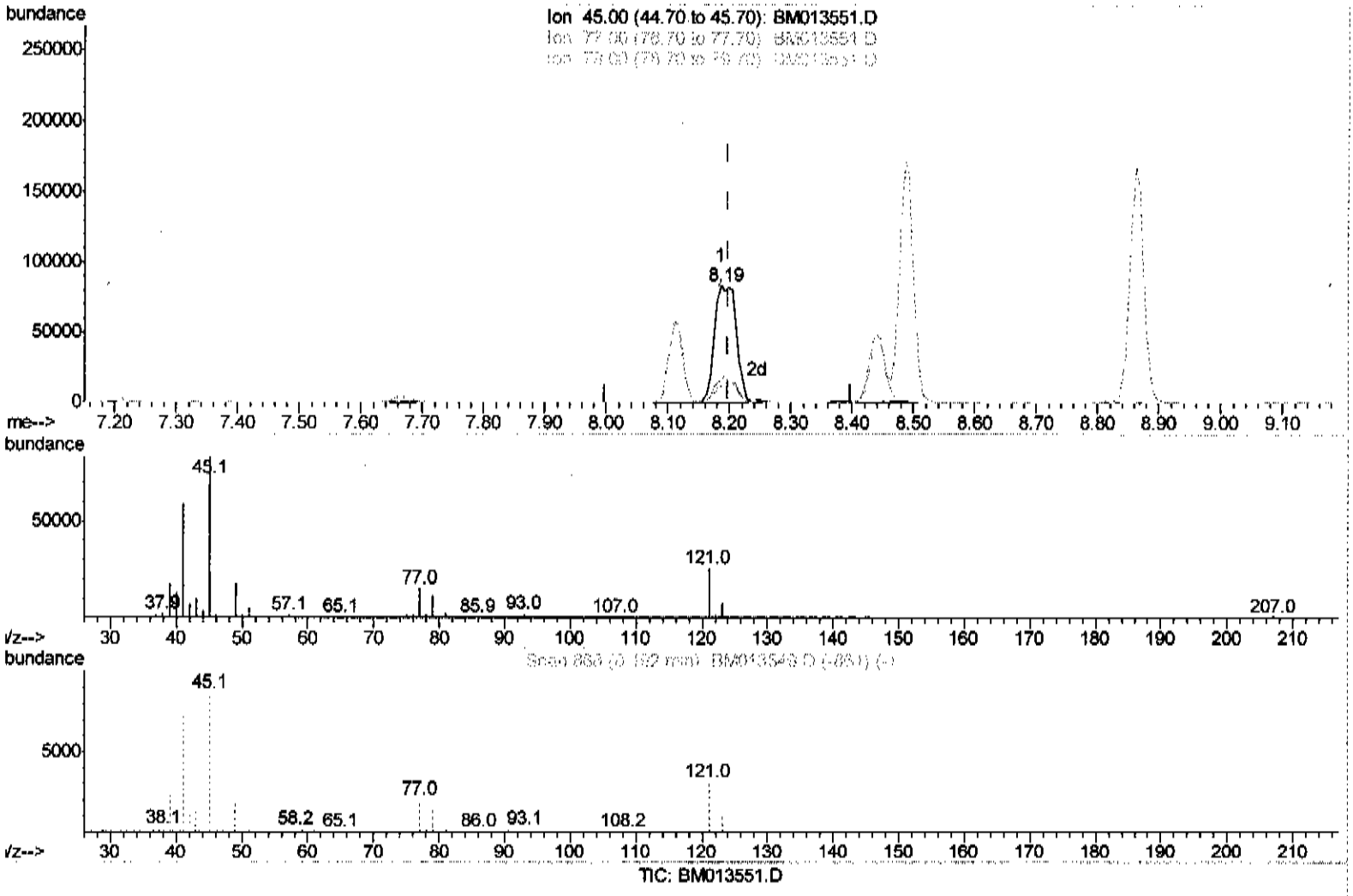
Manual Integrations APPROVED
Sohil
12/27/2017 4:45:27 PM



(12) 2,2'-oxybis(1-Chloropropane)

8.186min (-0.012) 19.34ng/ul m SJ 12/27/17

response 204309

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	18.79#
79.00	10.00	14.10#
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Dec 27 14:45:25 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	153814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	684874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	427636	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	961990	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	790129	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	692001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23852	7.68	ng/uL	0.00
5) Phenol-d5	6.85	99	249624	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	148596	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	202056	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	210956	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	106247	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	110711	19.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	231990	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	254402	23.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	711877	18.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	901820	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	84114	12.72	ng/ul	0.00
57) Fluorene-d10	15.31	176	624432	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	93550	15.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	925501	19.21	ng/ul	0.00
76) Pyrene-d10	19.46	212	891306	22.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	687036	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26393	7.570	ng/uL#	61
4) Benzaldehyde	6.82	77	130036	19.747	ng/ul	90
6) Phenol	6.87	94	253783	19.291	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.10	93	193977	19.284	ng/ul	98
10) 2-Chlorophenol	7.23	128	198643	19.481	ng/ul	97
11) 2-Methylphenol	8.12	108	190967	18.768	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.19	45	204309m	19.344	ng/ul	
14) Acetophenone	8.49	105	327550	18.945	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.47	70	161299	18.521	ng/ul#	73
16) 4-Methylphenol	8.45	108	204953	18.836	ng/ul	96
17) Hexachloroethane	8.73	117	80023	18.025	ng/ul#	76
20) Nitrobenzene	8.86	77	267315	19.538	ng/ul	98
21) Isophorone	9.39	82	446382	18.542	ng/ul	94
23) 2-Nitrophenol	9.57	139	117248	19.456	ng/ul#	85
24) 2,4-Dimethylphenol	9.63	107	246078	18.722	ng/ul	87
25) Bis(2-Chloroethoxy)methane	9.87	93	265613	18.852	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	215341	19.462	ng/ul	93
28) Naphthalene	10.49	128	677749	19.235	ng/ul	98
30) 4-Chloroaniline	10.62	127	250182	23.473	ng/ul	91
31) Hexachlorobutadiene	10.77	225	153696	19.177	ng/ul	95
32) Caprolactam	11.39	113	61797	17.475	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.74	107	222875	18.362	ng/ul	90
34) 2-Methylnaphthalene	12.11	142	509594	19.239	ng/ul	94

SJ 12/27/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	300376	19.466 ng/ul	95
37) Hexachlorocyclopentadiene	12.46	237	155470	15.308 ng/ul	93
38) 2,4,6-Trichlorophenol	12.73	196	188123	19.556 ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	194375	19.022 ng/ul	97
40) 1,1'-Biphenyl	13.14	154	707214	19.568 ng/ul	98
41) 2-Chloronaphthalene	13.18	162	561912	19.817 ng/ul	100
42) 2-Nitroaniline	13.40	65	156866	18.883 ng/ul	99
44) Dimethylphthalate	13.77	163	682030	18.739 ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	136813	18.430 ng/ul#	94
47) Acenaphthylene	14.03	152	844868	19.441 ng/ul	98
48) 3-Nitroaniline	14.23	138	120382	18.143 ng/ul	91
49) Acenaphthene	14.37	153	566132	19.124 ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	54352	13.231 ng/ul	91
52) 4-Nitrophenol	14.55	109	87895	13.551 ng/ul#	81
53) Dibenzofuran	14.71	168	852199	19.500 ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	200463	18.564 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.94	232	172006	18.358 ng/ul#	90
56) Diethylphthalate	15.14	149	692697	18.976 ng/ul	95
58) Fluorene	15.36	166	679774	18.802 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	377253	19.225 ng/ul	98
60) 4-Nitroaniline	15.40	138	119212	15.228 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	96174	15.903 ng/ul	100
64) N-Nitrosodiphenylamine	15.58	169	576280	20.336 ng/ul	96
65) 4-Bromophenyl-phenylether	16.26	248	232527	20.562 ng/ul	95
66) Hexachlorobenzene	16.36	284	246486	19.765 ng/ul#	88
67) Atrazine	16.54	200	205840	19.679 ng/ul	93
68) Pentachlorophenol	16.72	266	111946	15.520 ng/ul	100
69) Phenanthrene	17.10	178	1066175	19.508 ng/ul	98
71) Anthracene	17.19	178	1069910	19.152 ng/ul	98
72) Carbazole	17.47	167	825173	17.173 ng/ul	97
73) Di-n-butylphthalate	18.03	149	1115597	19.888 ng/ul	98
74) Fluoranthene	19.12	202	1123213	16.771 ng/ul#	92
77) Pyrene	19.49	202	1109896	23.122 ng/ul#	92
78) Butylbenzylphthalate	20.40	149	415586	22.158 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.17	252	251003	15.112 ng/ul#	99
80) Benzo(a)anthracene	21.24	228	966788	19.285 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.17	149	607721	21.497 ng/ul#	98
82) Chrysene	21.29	228	911938	19.608 ng/ul	98
84) Di-n-octyl phthalate	22.05	149	918162	18.659 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	908779	19.481 ng/ul#	97
86) Benzo(k)fluoranthene	22.85	252	819985	18.679 ng/ul#	97
88) Benzo(a)pyrene	23.38	252	816287	19.480 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.70	276	799266	19.223 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	677496	19.136 ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	643442	19.619 ng/ul#	95

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