Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007855.D
Acq On : 14 Nov 2016 15:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 02:46:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 02:14:40 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02058

Manual Integrations APPROVED
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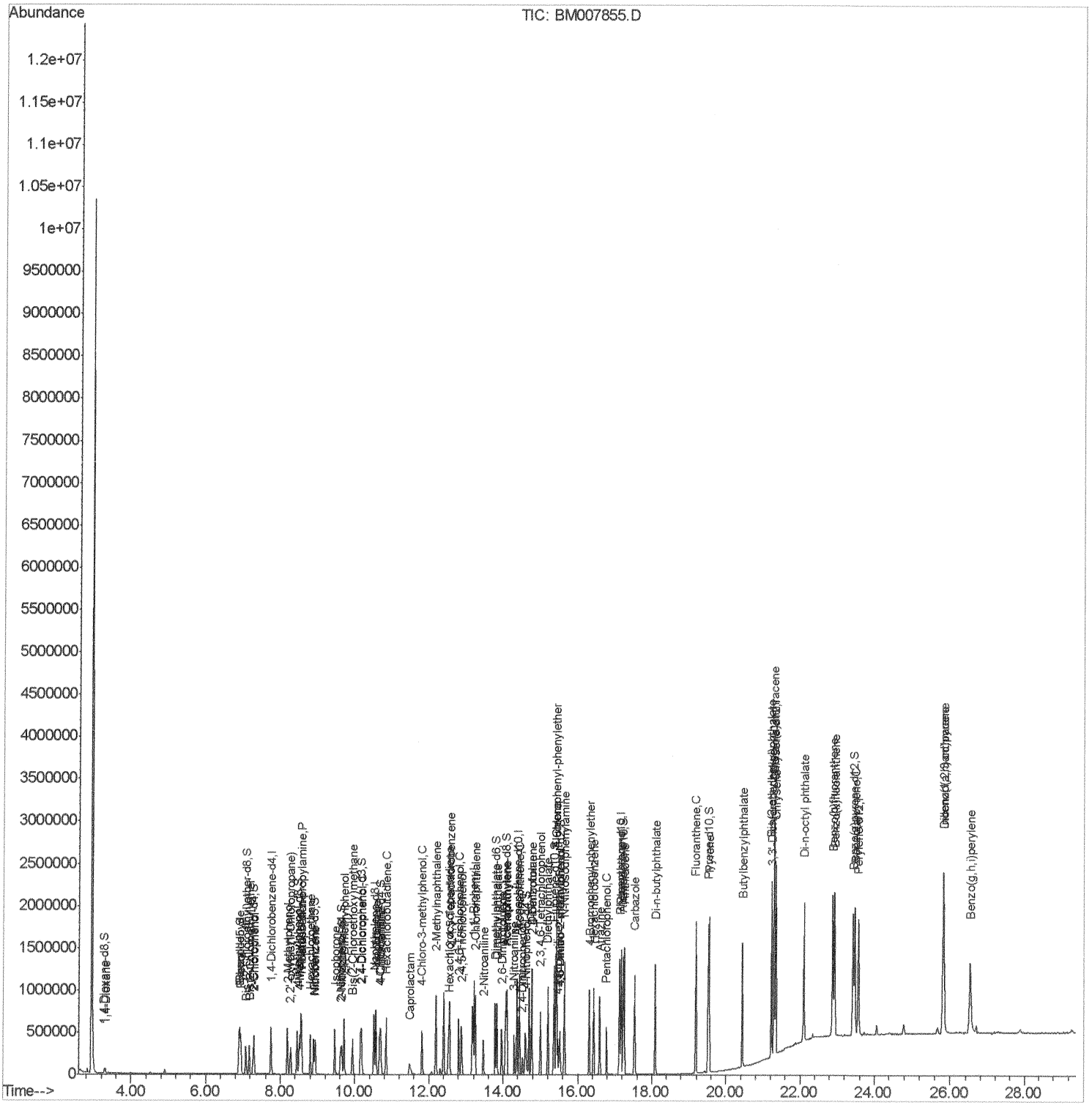

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007855.D
Acq On : 14 Nov 2016 15:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 02:19:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 02:14:40 2016
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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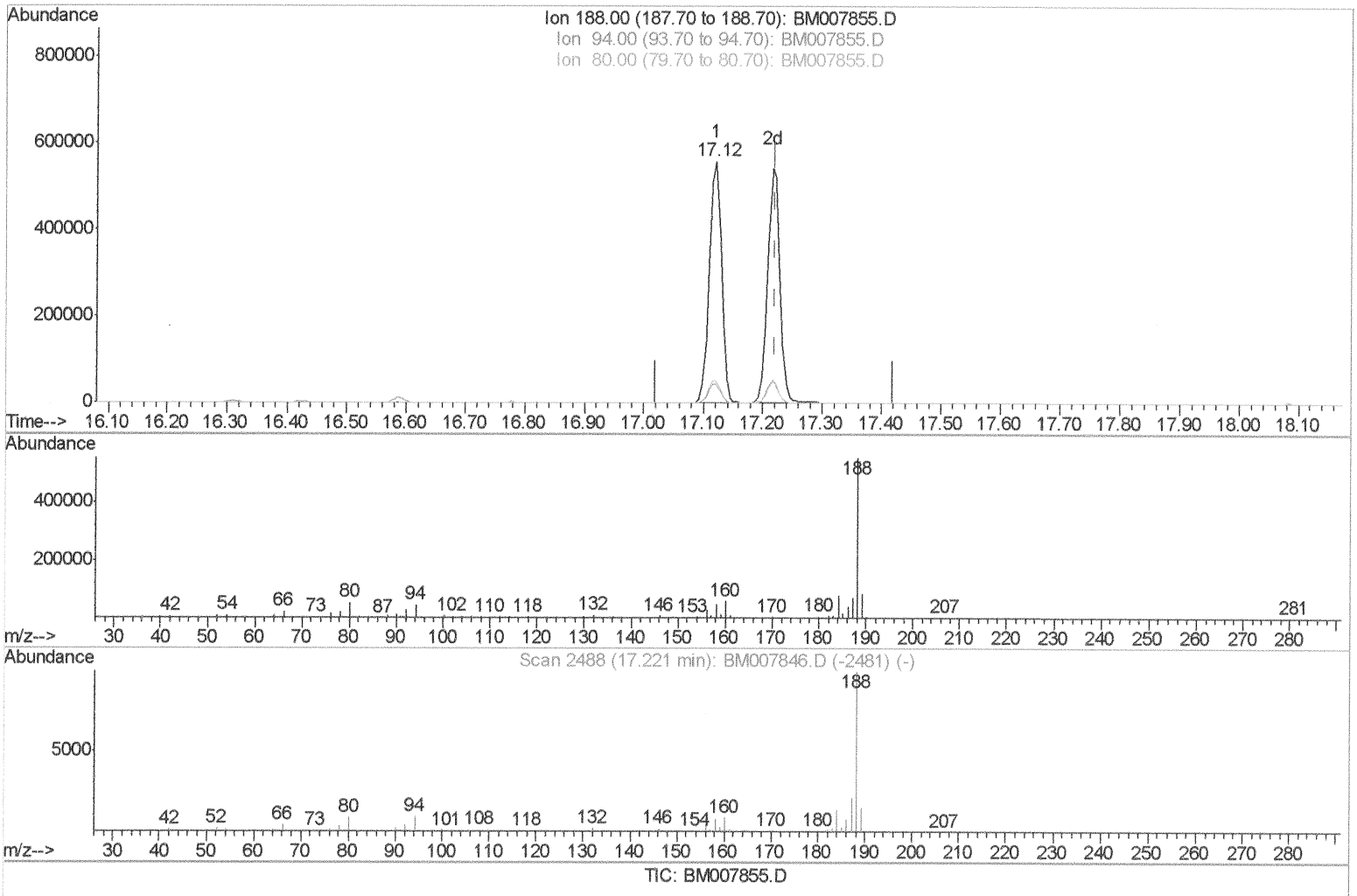

TIC: BM007855.D

(70) Anthracene-d10 (S)

17.121min (-0.100) 22.19ng/ul

response 786123

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.93
80.00	7.90	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
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Misc :
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Manual Integrations APPROVED
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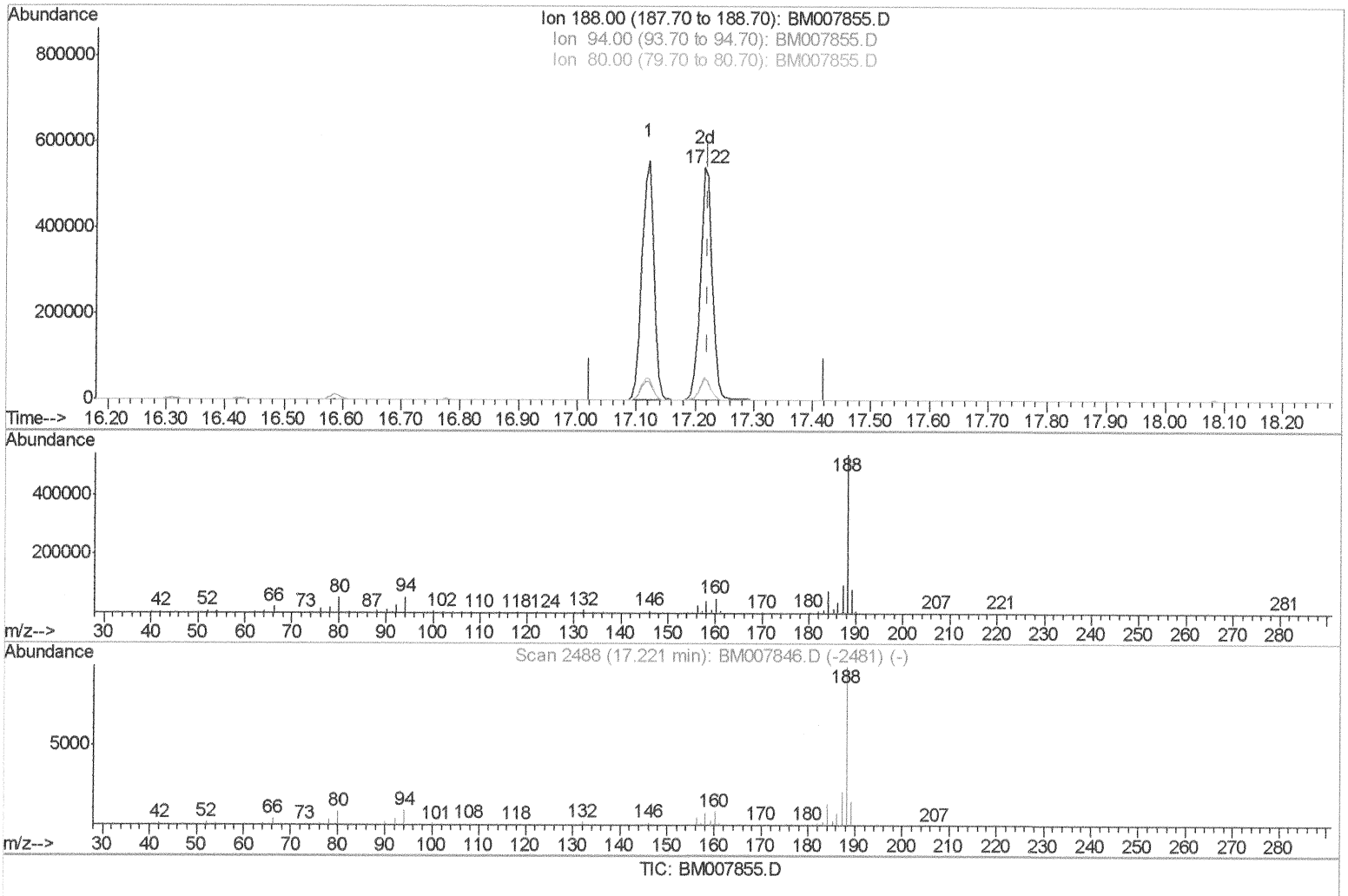
11/15/2016 3:08:03 PM



TIC: BM007855.D

(70) Anthracene-d10 (S)

17.215min (-0.006) 21.93ng/ul m SJ 11/15/16

response 776888

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.95
80.00	7.90	9.49#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007855.D
Acq On : 14 Nov 2016 15:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
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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	7.73	152	146900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	580827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	379664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	786123	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1025071	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1030657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	29596	8.63	ng/uL	0.00
5) Phenol-d5	6.91	99	241570	21.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	146876	21.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	193192	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	192295	21.67	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	92704	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	99118	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	195044	22.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	231675	23.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	561589	21.72	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	680507	21.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	85796	20.99	ng/ul	0.00
57) Fluorene-d10	15.36	176	494608	21.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	82591	17.68	ng/ul	0.00
70) Anthracene-d10	17.22	188	776888m	21.93	ng/ul	0.00
76) Pyrene-d10	19.52	212	905321	21.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	980264	21.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	30498	8.13	ng/uL	97
4) Benzaldehyde	6.89	77	177672	24.78	ng/ul	96
6) Phenol	6.94	94	252654	21.71	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	191685	21.38	ng/ul	95
10) 2-Chlorophenol	7.30	128	193820	21.73	ng/ul	98
11) 2-Methylphenol	8.18	108	180988	21.36	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.27	45	220870	22.22	ng/ul	97
14) Acetophenone	8.56	105	302299	21.73	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	156228	22.63	ng/ul	94
16) 4-Methylphenol	8.50	108	200405	21.96	ng/ul	99
17) Hexachloroethane	8.80	117	83648	21.22	ng/ul	96
20) Nitrobenzene	8.93	77	237803	22.12	ng/ul	97
21) Isophorone	9.46	82	408192	22.20	ng/ul	98
23) 2-Nitrophenol	9.64	139	102557	22.15	ng/ul	90
24) 2,4-Dimethylphenol	9.70	107	232341	21.99	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	243577	21.65	ng/ul	96
27) 2,4-Dichlorophenol	10.17	162	189298	22.06	ng/ul	96
28) Naphthalene	10.56	128	604247	21.38	ng/ul	99
30) 4-Chloroaniline	10.69	127	235346	23.33	ng/ul	96
31) Hexachlorobutadiene	10.84	225	149359	21.36	ng/ul	96
32) Caprolactam	11.47	113	50795	21.35	ng/ul	88
33) 4-Chloro-3-methylphenol	11.81	107	203831	22.66	ng/ul	90
34) 2-Methylnaphthalene	12.18	142	438469	21.82	ng/ul	98

SJ 11/15/16

Quantitation Report (QT Reviewed)

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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	12.55	216	264220	21.56	ng/ul	96
37) Hexachlorocyclopentadiene	12.52	237	117708	16.31	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	150073	22.01	ng/ul	97
39) 2,4,5-Trichlorophenol	12.87	196	157236	21.06	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	573430	21.42	ng/ul	100
41) 2-Chloronaphthalene	13.24	162	443161	21.64	ng/ul	98
42) 2-Nitroaniline	13.46	65	125332	23.07	ng/ul	95
44) Dimethylphthalate	13.83	163	544769	21.70	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	104537	22.14	ng/ul	93
47) Acenaphthylene	14.09	152	693414	21.98	ng/ul	98
48) 3-Nitroaniline	14.29	138	107930	23.11	ng/ul	94
49) Acenaphthene	14.43	153	469980	21.58	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	53703	18.47	ng/ul#	84
52) 4-Nitrophenol	14.60	109	79670	19.65	ng/ul	98
53) Dibenzofuran	14.77	168	681724	21.81	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	160647	23.58	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.00	232	150611	22.62	ng/ul#	97
56) Diethylphthalate	15.20	149	543165	21.86	ng/ul	99
58) Fluorene	15.42	166	554785	22.23	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	295024	22.18	ng/ul	97
60) 4-Nitroaniline	15.46	138	101084	21.47	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.52	198	84806	17.58	ng/ul	100
64) N-Nitrosodiphenylamine	15.63	169	482296	21.46	ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	189025	21.08	ng/ul	99
66) Hexachlorobenzene	16.43	284	209366	21.08	ng/ul	96
67) Atrazine	16.59	200	177833	20.54	ng/ul	97
68) Pentachlorophenol	16.77	266	109948	19.75	ng/ul	99
69) Phenanthrene	17.16	178	893909	21.39	ng/ul	99
71) Anthracene	17.25	178	918362	21.58	ng/ul	99
72) Carbazole	17.53	167	796408	21.62	ng/ul	99
73) Di-n-butylphthalate	18.09	149	901861	21.98	ng/ul	99
74) Fluoranthene	19.18	202	1085501	22.21	ng/ul	99
77) Pyrene	19.54	202	1134713	21.43	ng/ul	99
78) Butylbenzylphthalate	20.44	149	410314	21.78	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.23	252	387866	21.31	ng/ul	99
80) Benzo(a)anthracene	21.29	228	1202834	21.95	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	573460	20.67	ng/ul	100
82) Chrysene	21.34	228	1146763	21.78	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	1055756	20.20	ng/ul	99
85) Benzo(b)fluoranthene	22.88	252	1238835	21.04	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1205268	22.24	ng/ul	100
88) Benzo(a)pyrene	23.46	252	1207249	21.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1420723	21.38	ng/ul	99
90) Dibenzo(a,h)anthracene	25.83	278	1199290	21.40	ng/ul	99
91) Benzo(g,h,i)perylene	26.51	276	1155589	20.71	ng/ul	99

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