

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091718\
 Data File : BM016764.D
 Acq On : 17 Sep 2018 11:30
 Operator : SJ/JU
 Sample : J4874-13
 Misc : PE
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3Z82

Quant Time: Sep 17 12:55:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 00:35:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	245235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1011785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	525807	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1138923	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1270948	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	1304759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34312	5.98	ng/uL	0.00
5) Phenol-d5	6.90	99	660964	31.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	432058	33.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	549851	32.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	509359	31.82	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	254175	38.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	214935	35.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	531683	34.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	736136	39.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1490816	35.31	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1975728	36.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	229650	33.14	ng/ul	0.00
58) Fluorene-d10	15.37	176	1348126	36.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	146373	31.31	ng/ul	0.00
71) Anthracene-d10	17.22	188	2025468	36.86	ng/ul	0.00
79) Pyrene-d10	19.52	212	2217797	35.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	2552358	37.50	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.93	77	13890	1.193	ng/ul#	5
6) Phenol	6.93	94	1180741	57.186	ng/ul	100
10) 2-Chlorophenol	7.30	128	979398	57.761	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	605623	24.091	ng/ul	96
17) Hexachloroethane	8.80	117	383621	57.601	ng/ul	88
27) 2,4-Dichlorophenol	10.16	162	874279	59.245	ng/ul	98
28) Naphthalene	10.56	128	2950390	56.710	ng/ul	99
30) 4-Chloroaniline	10.56	127	386205	20.817	ng/ul#	4
31) Hexachlorobutadiene	10.85	225	551122	55.329	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	1436861	79.569	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	481520	75.981	ng/ul	98
50) Acenaphthene	14.43	153	2323609	63.410	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	613250	65.806	ng/ul	99
57) Diethylphthalate	15.21	149	2548363	62.341	ng/ul	97
59) Fluorene	15.42	166	2616219	63.341	ng/ul	99
61) 4-Nitroaniline	15.42	138	27939	3.300	ng/ul#	16
66) 4-Bromophenyl-phenylether	16.42	248	16182	1.256	ng/ul#	1
67) Hexachlorobenzene	16.42	284	913552	65.875	ng/ul#	93
69) Pentachlorophenol	16.77	266	480529	64.077	ng/ul	97
70) Phenanthrene	17.25	178	3603382	56.958	ng/ul	99
72) Anthracene	17.25	178	3603382	55.479	ng/ul	98
80) Pyrene	19.54	202	4987254	63.907	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	1679545	58.195	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.29	228	3704444	47.082	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	2560392	56.450	ng/ul	98
85) Chrysene	21.34	228	3669239	50.006	ng/ul	99
88) Benzo(b)fluoranthene	22.88	252	3794547	48.588	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	3024307	40.329	ng/ul#	97
91) Benzo(a)pyrene	23.46	252	3443612	46.259	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.81	276	5381172	60.598	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.83	278	4986986	67.135	ng/ul#	94

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

