

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014447.D
 Acq On : 01 Mar 2018 23:47
 Operator : SJ/JU
 Sample : J1678-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z3

Quant Time: Mar 02 11:30:54 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	32625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	183393	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	160203	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	468835	20.00	ng/ul	0.01
75) Chrysene-d12	21.18	240	773090	20.00	ng/ul	0.03
83) Perylene-d12	23.40	264	642248	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2277	2.99	ng/uL	0.01
5) Phenol-d5	6.73	99	91343	33.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	46026	27.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	71803	33.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	82002	33.99	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	38169	28.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.39	143	41493	29.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	94414	32.50	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	65066	22.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	358342	27.09	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	508492	31.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	60242	32.98	ng/ul	0.05
57) Fluorene-d10	15.19	176	386548	32.61	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	3292	1.17	ng/ul	0.02
70) Anthracene-d10	17.04	188	726648	32.12	ng/ul	0.01
76) Pyrene-d10	19.36	212	1060421	26.59	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.26	264	968421	30.98	ng/ul	0.07

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	1543	1.373	ng/ul#	59
28) Naphthalene	10.34	128	37646	3.997	ng/ul#	95
30) 4-Chloroaniline	10.48	127	46489	15.925	ng/ul	91
40) 1,1'-Biphenyl	13.00	154	12905	1.046	ng/ul#	75
44) Dimethylphthalate	13.65	163	58795	4.507	ng/ul	99
47) Acenaphthylene	13.90	152	155690	10.097	ng/ul	97
49) Acenaphthene	14.24	153	15018	1.383	ng/ul#	92
53) Dibenzofuran	14.59	168	39804	2.445	ng/ul#	86
56) Diethylphthalate	15.02	149	38868	2.674	ng/ul	96
58) Fluorene	15.24	166	30192	2.148	ng/ul#	95
69) Phenanthrene	16.99	178	1315606	48.704	ng/ul	99
71) Anthracene	17.08	178	158474	5.834	ng/ul	97
72) Carbazole	17.37	167	137477	6.018	ng/ul#	96
74) Fluoranthene	19.03	202	2450865	75.943	ng/ul#	92
77) Pyrene	19.40	202	2218624	43.183	ng/ul#	95
78) Butylbenzylphthalate	20.30	149	69396	3.267	ng/ul#	42
79) 3,3'-Dichlorobenzidine	21.11	252	23396	1.721	ng/ul#	71
80) Benzo(a)anthracene	21.16	228	736928	15.274	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.09	149	321240	10.559	ng/ul	99
82) Chrysene	21.22	228	1242868	27.613	ng/ul#	94
85) Benzo(b)fluoranthene	22.74	252	1597821	37.155	ng/ul#	88
86) Benzo(k)fluoranthene	22.74	252	1597821	39.080	ng/ul#	86
88) Benzo(a)pyrene	23.30	252	739086	19.233	ng/ul#	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.61	276	539864	14.478	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.60	278	126665	4.088	ng/ul#	55
91) Benzo(g,h,i)perylene	26.29	276	274631	9.091	ng/ul#	89

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

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