

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014439.D
 Acq On : 01 Mar 2018 18:58
 Operator : SJ/JU
 Sample : J1646-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X1

Quant Time: Mar 02 10:05:12 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	7.51	152	47091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	235721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	163094	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	436677	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	641794	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	586004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2742	2.49	ng/uL	0.00
5) Phenol-d5	6.72	99	91063	22.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	50711	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	69369	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	69389	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	38007	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	41638	23.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	79168	21.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	52836	14.36	ng/ul	0.02
43) Dimethylphthalate-d6	13.59	166	307242	22.81	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	390001	23.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	36063	19.39	ng/ul	0.04
57) Fluorene-d10	15.17	176	283846	23.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	37628	14.36	ng/ul	0.01
70) Anthracene-d10	17.03	188	492699	23.39	ng/ul	0.00
76) Pyrene-d10	19.34	212	639528	19.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	649744	22.78	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	6.75	94	12503	2.994	ng/ul#	81
28) Naphthalene	10.33	128	21619	1.786	ng/ul#	89
34) 2-Methylnaphthalene	11.96	142	9788	1.062	ng/ul	100
44) Dimethylphthalate	13.64	163	102221	7.697	ng/ul#	95
47) Acenaphthylene	13.89	152	69646	4.437	ng/ul	96
49) Acenaphthene	14.23	153	43121	3.901	ng/ul	86
53) Dibenzofuran	14.59	168	34260	2.067	ng/ul	97
58) Fluorene	15.23	166	59060	4.128	ng/ul#	97
63) 4,6-Dinitro-2-methylphenol	15.24	198	3044	1.142	ng/ul#	80
69) Phenanthrene	16.97	178	1528673	60.759	ng/ul	98
71) Anthracene	17.07	178	301392	11.912	ng/ul	97
72) Carbazole	17.36	167	101582	4.774	ng/ul	98
73) Di-n-butylphthalate	17.91	149	30502	1.111	ng/ul#	94
74) Fluoranthene	19.01	202	2898927	96.441	ng/ul#	92
77) Pyrene	19.37	202	3068974	71.954	ng/ul#	91
78) Butylbenzylphthalate	20.29	149	37924	2.150	ng/ul#	73
80) Benzo(a)anthracene	21.14	228	1684864	42.064	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	3393439	134.356	ng/ul#	96
82) Chrysene	21.19	228	1631058	43.651	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1974804	50.329	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	1974804	52.936	ng/ul#	97
88) Benzo(a)pyrene	23.24	252	1395644	39.804	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	791024	23.249	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.50	278	208402	7.371	ng/ul#	89
91) Benzo(g,h,i)perylene	26.17	276	604713	21.939	ng/ul	99

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

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