

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005231.D
 Acq On : 05 May 2016 11:09
 Operator : UM/SJ
 Sample : SSTD00540
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00540

Quant Time: May 05 14:04:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	367748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	244001	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	591120	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	705171	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	699412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3441	2.27	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.31	132	24702	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.93	128	11562	4.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	12686	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	25307	4.77	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.82	166	96474	5.02	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	111352	4.91	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.41	176	88310	5.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.26	188	137322	5.18	ng/ul	0.00
76) Pyrene-d10	19.56	212	160760	5.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	156129	5.03	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	6177	2.19	ng/uL#	90
10) 2-Chlorophenol	7.34	128	25535	4.86	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.57	70	21964	5.33	ng/ul	99
17) Hexachloroethane	8.85	117	10020	4.88	ng/ul	95
20) Nitrobenzene	8.97	77	31263	5.03	ng/ul	95
21) Isophorone	9.49	82	59080	5.02	ng/ul	96
23) 2-Nitrophenol	9.68	139	14268	4.76	ng/ul	96
24) 2,4-Dimethylphenol	9.74	107	32692	4.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	40257	5.44	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	26636	4.87	ng/ul	98
28) Naphthalene	10.62	128	95401	5.13	ng/ul	99
31) Hexachlorobutadiene	10.89	225	17113	4.80	ng/ul	99
33) 4-Chloro-3-methylphenol	11.86	107	31864	4.98	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	71515	5.17	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	36606	4.93	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	22379	4.79	ng/ul	94
39) 2,4,5-Trichlorophenol	12.92	196	24890	4.74	ng/ul	95
40) 1,1'-Biphenyl	13.25	154	98762	5.18	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	72471	4.97	ng/ul	99
42) 2-Nitroaniline	13.50	65	18246	4.68	ng/ul	89
44) Dimethylphthalate	13.87	163	98523	5.09	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	15678	4.33	ng/ul	97
47) Acenaphthylene	14.14	152	122204	5.05	ng/ul	100

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49) Acenaphthene	14.48	153	83035	5.18	ng/ul	99
53) Dibenzofuran	14.82	168	121528	5.13	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	24205	4.28	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.05	232	21133	4.59	ng/ul#	94
56) Diethylphthalate	15.24	149	97550	4.99	ng/ul	99
58) Fluorene	15.47	166	100154	5.37	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	49222	5.31	ng/ul	96
64) N-Nitrosodiphenylamine	15.67	169	84397	5.25	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	28617	5.08	ng/ul	96
66) Hexachlorobenzene	16.47	284	32365	5.03	ng/ul	97
69) Phenanthrene	17.21	178	166988	5.26	ng/ul	99
71) Anthracene	17.30	178	167417	5.25	ng/ul	99
73) Di-n-butylphthalate	18.13	149	162102	5.17	ng/ul	99
77) Pyrene	19.59	202	211675	5.32	ng/ul	99
78) Butylbenzylphthalate	20.49	149	73797	4.94	ng/ul	97
80) Benzo(a)anthracene	21.34	228	209481	5.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	108996	5.12	ng/ul	99
82) Chrysene	21.40	228	201866	5.22	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	212925	5.15	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	196555	4.88	ng/ul	98
88) Benzo(a)pyrene	23.54	252	200049	5.12	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	218199	5.55	ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	184354	5.60	ng/ul	100
91) Benzo(g,h,i)perylene	26.64	276	181802	5.59	ng/ul	98

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

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