

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050416\
 Data File : BM005220.D
 Acq On : 04 May 2016 12:18
 Operator : UM/SJ
 Sample : SSTD00534
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00534

Quant Time: May 04 17:17:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 04 15:49:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	8523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	43023	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	30702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	86615	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	137882	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	158759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
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	7.32	132	2337	4.19	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.95	128	940	3.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	997	3.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	2279	3.61	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.83	166	11811	4.87	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	12520	4.34	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.42	176	11184	5.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.27	188	18943	4.88	ng/ul	0.00
76) Pyrene-d10	19.57	212	25665	4.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	34197	4.81	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.31	88	447	1.44	ng/uL#	69
10) 2-Chlorophenol	7.35	128	2501	4.36	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.58	70	2194	4.87	ng/ul#	81
17) Hexachloroethane	8.85	117	895	3.92	ng/ul	88
20) Nitrobenzene	8.99	77	3050	4.16	ng/ul#	91
21) Isophorone	9.50	82	6153	4.42	ng/ul#	92
23) 2-Nitrophenol	9.69	139	1161	3.21	ng/ul#	76
24) 2,4-Dimethylphenol	9.75	107	3247	4.17	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.99	93	4113	4.75	ng/ul#	89
27) 2,4-Dichlorophenol	10.23	162	2341	3.61	ng/ul	96
28) Naphthalene	10.62	128	10828	4.99	ng/ul	99
31) Hexachlorobutadiene	10.90	225	1705	3.98	ng/ul	91
33) 4-Chloro-3-methylphenol	11.87	107	3117	4.20	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	7799	4.86	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	4088	4.26	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	2057	3.37	ng/ul	94
39) 2,4,5-Trichlorophenol	12.93	196	2390	3.50	ng/ul	95
40) 1,1'-Biphenyl	13.25	154	11543	4.75	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	8444	4.57	ng/ul	98
42) 2-Nitroaniline	13.51	65	1665	3.32	ng/ul	88
44) Dimethylphthalate	13.87	163	11971	4.92	ng/ul	98
45) 2,6-Dinitrotoluene	14.00	165	1498	3.19	ng/ul#	77
47) Acenaphthylene	14.14	152	13947	4.56	ng/ul	100

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49) Acenaphthene	14.49	153	10385	5.17	ng/ul	98
53) Dibenzofuran	14.82	168	15329	5.17	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	2671	3.74	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.06	232	2294	3.87	ng/ul#	95
56) Diethylphthalate	15.24	149	12257	4.99	ng/ul	99
58) Fluorene	15.47	166	12842	5.58	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	6080	5.24	ng/ul	94
64) N-Nitrosodiphenylamine	15.68	169	10769	4.52	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	3609	4.27	ng/ul	97
66) Hexachlorobenzene	16.47	284	4217	4.38	ng/ul	96
69) Phenanthrene	17.21	178	24081	5.22	ng/ul	99
71) Anthracene	17.30	178	23285	5.01	ng/ul	98
73) Di-n-butylphthalate	18.13	149	20705	4.44	ng/ul	98
77) Pyrene	19.59	202	33864	4.25	ng/ul	97
78) Butylbenzylphthalate	20.49	149	11569	3.78	ng/ul	95
80) Benzo(a)anthracene	21.34	228	38876	4.93	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	20665	4.80	ng/ul	100
82) Chrysene	21.40	228	38481	5.10	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	42773	4.47	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	43582	4.69	ng/ul	99
88) Benzo(a)pyrene	23.54	252	43715	4.90	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	55475	6.51	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	47101	6.62	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	46760	6.71	ng/ul	97
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

