

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005463.D
 Acq On : 18 May 2016 10:07
 Operator : UM/SJ
 Sample : SSTD00538
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00538

Quant Time: May 18 12:54:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 11:54:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	33081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	165327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	112896	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	304918	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	501895	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	603948	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	2006	2.85	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	7.37	132	11718	5.17	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.00	128	5972	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	6120	4.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	12310	4.96	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.88	166	47746	5.28	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	54318	5.12	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.46	176	42992	5.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.30	188	71642	5.32	ng/ul	0.00
76) Pyrene-d10	19.59	212	94512	4.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	132511	4.96	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	2083	1.62	ng/uL#	76
10) 2-Chlorophenol	7.40	128	11837	5.11	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	11845	6.17	ng/ul	96
17) Hexachloroethane	8.92	117	4623	5.30	ng/ul	98
20) Nitrobenzene	9.03	77	14889	5.04	ng/ul	97
21) Isophorone	9.56	82	29994	5.23	ng/ul	99
23) 2-Nitrophenol	9.75	139	6077	4.22	ng/ul#	85
24) 2,4-Dimethylphenol	9.80	107	15535	5.09	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	18147	5.08	ng/ul	96
27) 2,4-Dichlorophenol	10.27	162	12235	4.81	ng/ul	95
28) Naphthalene	10.68	128	43053	5.18	ng/ul	98
31) Hexachlorobutadiene	10.96	225	7263	4.80	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	15816	5.19	ng/ul	93
34) 2-Methylnaphthalene	12.29	142	33719	5.42	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	17366	5.06	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	11508	5.03	ng/ul	88
39) 2,4,5-Trichlorophenol	12.96	196	12498	4.92	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	45880	5.13	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	34952	5.17	ng/ul	97
42) 2-Nitroaniline	13.55	65	10362	4.98	ng/ul	98
44) Dimethylphthalate	13.93	163	48290	5.34	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	8068	4.52	ng/ul	96
47) Acenaphthylene	14.19	152	56384	5.02	ng/ul	98

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49) Acenaphthene	14.53	153	39743	5.37	ng/ul	98
53) Dibenzofuran	14.87	168	58746	5.47	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	12040	4.53	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.09	232	11663	5.41	ng/ul#	88
56) Diethylphthalate	15.29	149	50860	5.57	ng/ul	100
58) Fluorene	15.52	166	49191	5.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	23910	5.75	ng/ul	97
64) N-Nitrosodiphenylamine	15.72	169	43494	5.21	ng/ul	100
65) 4-Bromophenyl-phenylether	16.40	248	15518	5.31	ng/ul	93
66) Hexachlorobenzene	16.51	284	18160	5.54	ng/ul	98
69) Phenanthrene	17.25	178	91122	5.68	ng/ul	99
71) Anthracene	17.34	178	87710	5.49	ng/ul	99
73) Di-n-butylphthalate	18.18	149	95191	5.55	ng/ul	100
77) Pyrene	19.62	202	129559	4.45	ng/ul	99
78) Butylbenzylphthalate	20.53	149	50571	4.18	ng/ul	99
80) Benzo(a)anthracene	21.37	228	150549	5.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	78700	4.69	ng/ul	100
82) Chrysene	21.42	228	141962	5.18	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	172778	4.89	ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	169255	5.09	ng/ul	99
88) Benzo(a)pyrene	23.57	252	171605	5.14	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	235410	6.46	ng/ul	96
90) Dibenzo(a,h)anthracene	25.99	278	199714	6.55	ng/ul	98
91) Benzo(g,h,i)perylene	26.68	276	201211	6.52	ng/ul	99

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

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