

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102417\
 Data File : BM012414.D
 Acq On : 24 Oct 2017 12:44
 Operator : SJ/JU
 Sample : SSTD16054
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16054

Quant Time: Oct 24 14:33:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 14:33:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	426163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1858669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1225816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	3001482	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2868869	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2198128	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	523657	156.90	ng/uL	0.00
5) Phenol-d5	7.06	99	6181176	177.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.23	67	3501213	167.14	ng/ul	0.01
9) 2-Chlorophenol-d4	7.43	132	4805628	180.22	ng/ul	0.01
13) 4-Methylphenol-d8	8.60	113	5180267	173.02	ng/ul	0.02
19) Nitrobenzene-d5	9.05	128	2254773	193.70	ng/ul	0.02
22) 2-Nitrophenol-d4	9.77	143	2574031	214.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.31	165	5726523	180.27	ng/ul	0.02
29) 4-Chloroaniline-d4	10.82	131	3945532	110.50	ng/ul	0.01
43) Dimethylphthalate-d6	13.93	166	15799510	147.54	ng/ul	0.01
46) Acenaphthylene-d8	14.21	160	17952384	141.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	3003527	197.53	ng/ul	0.04
57) Fluorene-d10	15.52	176	14167901	156.31	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	3210354	244.30	ng/ul	0.03
70) Anthracene-d10	17.26	188	3001482	20.98	ng/ul	-0.09
76) Pyrene-d10	0.00	212	0	0.00	ng/ul	
87) Benzo(a)pyrene-d12	23.60	264	18260437	174.86	ng/ul	0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.40	88	552894	155.134	ng/uL#	65
4) Benzaldehyde	7.03	77	1410703	64.141	ng/ul	94
6) Phenol	7.09	94	6368525	175.038	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.32	93	4545425	168.524	ng/ul	97
10) 2-Chlorophenol	7.46	128	4887792	179.126	ng/ul	98
11) 2-Methylphenol	8.33	108	4791207	174.547	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	4844523	162.191	ng/ul#	79
14) Acetophenone	8.72	105	7935182	167.555	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.73	70	4281201	164.097	ng/ul#	64
16) 4-Methylphenol	8.68	108	5135373	169.967	ng/ul	92
17) Hexachloroethane	8.97	117	1978389	171.090	ng/ul	89
20) Nitrobenzene	9.10	77	6117287	182.428	ng/ul	97
21) Isophorone	9.64	82	11553660	162.809	ng/ul#	94
23) 2-Nitrophenol	9.80	139	2801212	210.220	ng/ul#	81
24) 2,4-Dimethylphenol	9.87	107	6365657	169.804	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.10	93	6535264	163.872	ng/ul	97
27) 2,4-Dichlorophenol	10.34	162	5499658	177.456	ng/ul#	90
28) Naphthalene	10.73	128	14917060	161.863	ng/ul	96
30) 4-Chloroaniline	10.84	127	4047566	112.932	ng/ul	95
31) Hexachlorobutadiene	11.02	225	4074757	171.379	ng/ul	94
32) Caprolactam	11.67	113	922096	91.427	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.98	107	5881509	168.920	ng/ul	98
34) 2-Methylnaphthalene	12.35	142	12186077	162.827	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	7699964	177.379	ng/ul	96
37) Hexachlorocyclopentadiene	12.70	237	5233465	194.816	ng/ul	99
38) 2,4,6-Trichlorophenol	12.95	196	4909245	188.863	ng/ul	97
39) 2,4,5-Trichlorophenol	13.03	196	5150714	186.942	ng/ul	98
40) 1,1'-Biphenyl	13.36	154	14428057	147.532	ng/ul#	76
41) 2-Chloronaphthalene	13.40	162	12885147	167.961	ng/ul	96
42) 2-Nitroaniline	13.60	65	3931869	220.385	ng/ul	95
44) Dimethylphthalate	13.99	163	15250454	143.971	ng/ul#	93
45) 2,6-Dinitrotoluene	14.11	165	3692906	219.386	ng/ul	91
48) 3-Nitroaniline	14.43	138	2781461	180.965	ng/ul	93
49) Acenaphthene	14.59	153	13346799	161.181	ng/ul	88
50) 2,4-Dinitrophenol	14.63	184	2077572	242.562	ng/ul	96
52) 4-Nitrophenol	14.76	109	2933328	187.962	ng/ul#	82
54) 2,4-Dinitrotoluene	14.89	165	5372074	213.081	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.15	232	5062904	198.541	ng/ul	98
56) Diethylphthalate	15.35	149	15680519	145.207	ng/ul	98
58) Fluorene	15.57	166	14822908	143.021	ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.56	204	9540117	169.176	ng/ul	96
60) 4-Nitroaniline	15.62	138	3726168	197.217	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.66	198	3445241	236.185	ng/ul#	87
64) N-Nitrosodiphenylamine	15.77	169	13601864	155.940	ng/ul	98
65) 4-Bromophenyl-phenylether	16.46	248	6528073	181.557	ng/ul	97
66) Hexachlorobenzene	16.57	284	6925467	174.124	ng/ul	92
67) Atrazine	16.74	200	6107000	163.531	ng/ul	93
68) Pentachlorophenol	16.91	266	4253538	207.042	ng/ul	97
78) Butylbenzylphthalate	20.57	149	11674584	181.631	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.34	252	10108495	160.692	ng/ul#	97
80) Benzo(a)anthracene	21.46	228	3388936	19.727	ng/ul#	54
81) Bis(2-ethylhexyl)phthalate	21.34	149	12815767	131.052	ng/ul#	85
82) Chrysene	21.46	228	3388936	22.187	ng/ul#	58
85) Benzo(b)fluoranthene	23.09	252	1810348	13.323	ng/ul#	86
86) Benzo(k)fluoranthene	23.09	252	1810348	14.155	ng/ul#	84
88) Benzo(a)pyrene	23.64	252	19413469	149.848	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	26.11	276	24560070	161.075	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.12	278	20625259	159.557	ng/ul#	95
91) Benzo(g,h,i)perylene	26.83	276	19585935	158.497	ng/ul#	96

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

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