

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102517\
 Data File : BM012467.D
 Acq On : 26 Oct 2017 06:50
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02061

Quant Time: Oct 26 09:48:42 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	586834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2363986	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1404075	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2810364	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2295956	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2536816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	86177	7.50	ng/uL	0.00
5) Phenol-d5	7.05	99	886676	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	529319	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	696896	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	735147	17.55	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	336789	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	382741	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	788842	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	867239	20.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2163568	17.64	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2737614	18.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	307666	16.87	ng/ul	0.00
57) Fluorene-d10	15.50	176	1782420	17.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	235723	17.33	ng/ul	0.00
70) Anthracene-d10	17.34	188	2478328	18.50	ng/ul	0.00
76) Pyrene-d10	19.63	212	2233232	21.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2211444	18.35	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.40	88	92024	7.500	ng/uL# 66
4) Benzaldehyde	7.02	77	618535	23.204	ng/ul 95
6) Phenol	7.07	94	917601	17.977	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.30	93	695833	18.537	ng/ul 97
10) 2-Chlorophenol	7.45	128	713578	18.991	ng/ul 96
11) 2-Methylphenol	8.32	108	678377	17.627	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.42	45	769795	18.665	ng/ul# 80
14) Acetophenone	8.70	105	1145457	17.400	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.69	70	624183	17.374	ng/ul# 65
16) 4-Methylphenol	8.65	108	735366	17.457	ng/ul 89
17) Hexachloroethane	8.96	117	298435	18.742	ng/ul 85
20) Nitrobenzene	9.07	77	901622	21.140	ng/ul 97
21) Isophorone	9.60	82	1634347	18.108	ng/ul 96
23) 2-Nitrophenol	9.79	139	405571	23.931	ng/ul# 84
24) 2,4-Dimethylphenol	9.85	107	876973	18.393	ng/ul 92
25) Bis(2-Chloroethoxy)methane	10.08	93	933574	18.405	ng/ul 96
27) 2,4-Dichlorophenol	10.32	162	750281	19.034	ng/ul# 89
28) Naphthalene	10.72	128	2212800	18.878	ng/ul 100
30) 4-Chloroaniline	10.83	127	872041	20.326	ng/ul 95
31) Hexachlorobutadiene	11.01	225	577649	19.102	ng/ul 94
32) Caprolactam	11.60	113	221788	17.374	ng/ul# 40
33) 4-Chloro-3-methylphenol	11.96	107	774673	17.493	ng/ul 100
34) 2-Methylnaphthalene	12.33	142	1689990	17.754	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	995118	20.014	ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	407090	12.678	ng/ul	99
38) 2,4,6-Trichlorophenol	12.94	196	645633	21.685	ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	669822	21.224	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	2207529	19.707	ng/ul	99
41) 2-Chloronaphthalene	13.39	162	1747155	19.883	ng/ul	99
42) 2-Nitroaniline	13.59	65	491223	24.038	ng/ul	94
44) Dimethylphthalate	13.96	163	2158221	17.788	ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	431737	22.392	ng/ul	94
47) Acenaphthylene	14.23	152	2604794	18.811	ng/ul	99
48) 3-Nitroaniline	14.41	138	401985	22.250	ng/ul	94
49) Acenaphthene	14.57	153	1749372	18.444	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	143535	13.262	ng/ul	94
52) 4-Nitrophenol	14.72	109	303364	16.398	ng/ul#	83
53) Dibenzofuran	14.91	168	2507968	17.868	ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	586483	20.309	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.13	232	559486	19.155	ng/ul	92
56) Diethylphthalate	15.33	149	2105898	17.025	ng/ul	96
58) Fluorene	15.56	166	2049948	17.268	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	1123555	17.395	ng/ul	99
60) 4-Nitroaniline	15.57	138	415746	18.357	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.63	198	251953	16.843	ng/ul#	89
64) N-Nitrosodiphenylamine	15.76	169	1734389	21.236	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	706035	20.971	ng/ul	97
66) Hexachlorobenzene	16.56	284	738951	19.843	ng/ul	97
67) Atrazine	16.72	200	671582	19.122	ng/ul	92
68) Pentachlorophenol	16.90	266	370225	18.177	ng/ul	97
69) Phenanthrene	17.29	178	2850297	18.754	ng/ul	99
71) Anthracene	17.39	178	2936010	18.691	ng/ul	99
72) Carbazole	17.65	167	2356230	18.108	ng/ul	99
73) Di-n-butylphthalate	18.22	149	3141512	18.933	ng/ul#	98
74) Fluoranthene	19.30	202	2863784	16.630	ng/ul#	94
77) Pyrene	19.66	202	2868830	21.973	ng/ul#	92
78) Butylbenzylphthalate	20.56	149	1126602	21.901	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.33	252	873904	17.344	ng/ul#	96
80) Benzo(a)anthracene	21.40	228	2628581	19.119	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	1625554	20.770	ng/ul	99
82) Chrysene	21.46	228	2343905	19.175	ng/ul	100
84) Di-n-octyl phthalate	22.23	149	2597869	19.743	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	2783296	17.749	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2737927	18.550	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	2763695	18.484	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	3475885	19.753	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	2953662	19.799	ng/ul#	97
91) Benzo(g,h,i)perylene	26.79	276	2888954	20.257	ng/ul#	98

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

