

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014326.D
 Acq On : 23 Feb 2018 12:20
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02050

Manual Integrations
 APPROVED

Sohil
 2/23/2018 4:15:06 PM

Quant Time: Feb 23 14:03:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 22 03:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	81378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	397565	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	288519	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	749798	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	855983	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	712068	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	16501	8.68	ng/uL	0.00
5) Phenol-d5	6.72	99	130507	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	82517	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	108608	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	114827	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	56779	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	58820	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	122933	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	140742	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	466797	19.59	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	588607	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	50849	15.46	ng/ul	0.00
57) Fluorene-d10	15.19	176	430793	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	83361	18.53	ng/ul	0.00
70) Anthracene-d10	17.04	188	735124	20.32	ng/ul	0.00
76) Pyrene-d10	19.34	212	843684	19.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	700497	20.21	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.13	88	16195	7.667	ng/uL#	67
4) Benzaldehyde	6.69	77	65240	23.265	ng/ul	96
6) Phenol	6.75	94	133177	18.452	ng/ul#	95
8) Bis(2-Chloroethyl)ether	6.97	93	100735	19.236	ng/ul	94
10) 2-Chlorophenol	7.10	128	108862	20.217	ng/ul	95
11) 2-Methylphenol	7.98	108	102119	18.499	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.06	45	103673	19.618	ng/ul#	73
14) Acetophenone	8.35	105	195417	18.821	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.34	70	107646	20.689	ng/ul#	73
16) 4-Methylphenol	8.31	108	112619	18.721	ng/ul	87
17) Hexachloroethane	8.57	117	56522	20.150	ng/ul#	73
20) Nitrobenzene	8.73	77	170342	19.604	ng/ul	97
21) Isophorone	9.25	82	286254	19.260	ng/ul	97
23) 2-Nitrophenol	9.43	139	64119	19.468	ng/ul	96
24) 2,4-Dimethylphenol	9.49	107	157593	19.517	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.73	93	151896	19.402	ng/ul	96
27) 2,4-Dichlorophenol	9.96	162	114713	19.196	ng/ul#	84
28) Naphthalene	10.35	128	392201	19.207	ng/ul	98
30) 4-Chloroaniline	10.48	127	145184	22.942	ng/ul	92
31) Hexachlorobutadiene	10.62	225	95516	20.146	ng/ul	94
32) Caprolactam	11.27	113	37549m	19.618	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	146011	20.221	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	310582	19.984	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	177084	19.120	ng/ul#	90
37) Hexachlorocyclopentadiene	12.31	237	90047	17.866	ng/ul	94
38) 2,4,6-Trichlorophenol	12.61	196	111355	19.271	ng/ul	95
39) 2,4,5-Trichlorophenol	12.69	196	116501	19.730	ng/ul	93
40) 1,1'-Biphenyl	13.00	154	447654	20.142	ng/ul	98
41) 2-Chloronaphthalene	13.05	162	354235	19.952	ng/ul	93
42) 2-Nitroaniline	13.28	65	119899	19.959	ng/ul	96
44) Dimethylphthalate	13.65	163	462106	19.668	ng/ul	99
45) 2,6-Dinitrotoluene	13.78	165	92108	20.635	ng/ul#	78
47) Acenaphthylene	13.90	152	560193	20.173	ng/ul	97
48) 3-Nitroaniline	14.12	138	76195	20.140	ng/ul#	95
49) Acenaphthene	14.24	153	392092	20.052	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	38047	15.848	ng/ul#	62
52) 4-Nitrophenol	14.44	109	76048	17.633	ng/ul#	70
53) Dibenzofuran	14.59	168	590953	20.155	ng/ul	89
54) 2,4-Dinitrotoluene	14.59	165	149743	20.937	ng/ul#	35
55) 2,3,4,6-Tetrachlorophenol	14.82	232	119675	20.041	ng/ul#	74
56) Diethylphthalate	15.03	149	532890	20.354	ng/ul	96
58) Fluorene	15.24	166	502899	19.868	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.24	204	263445	19.898	ng/ul#	87
60) 4-Nitroaniline	15.30	138	68943	16.249	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.35	198	86660	18.930	ng/ul#	90
64) N-Nitrosodiphenylamine	15.46	169	433208	20.105	ng/ul	96
65) 4-Bromophenyl-phenylether	16.13	248	167887	20.066	ng/ul#	84
66) Hexachlorobenzene	16.24	284	172444	19.599	ng/ul#	80
67) Atrazine	16.43	200	173011	20.332	ng/ul	98
68) Pentachlorophenol	16.60	266	89862	19.491	ng/ul	99
69) Phenanthrene	16.98	178	862382	19.962	ng/ul	99
71) Anthracene	17.07	178	878112	20.212	ng/ul	99
72) Carbazole	17.36	167	703285	19.251	ng/ul	98
73) Di-n-butylphthalate	17.92	149	973041	20.646	ng/ul	99
74) Fluoranthene	19.01	202	1068133	20.695	ng/ul#	93
77) Pyrene	19.37	202	1084878	19.071	ng/ul#	91
78) Butylbenzylphthalate	20.29	149	467409	19.872	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.08	252	255120	16.952	ng/ul#	99
80) Benzo(a)anthracene	21.13	228	1074479	20.113	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	674504	20.023	ng/ul#	95
82) Chrysene	21.19	228	994107	19.948	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	1093975	17.904	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	931383	19.535	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	912505	20.130	ng/ul#	99
88) Benzo(a)pyrene	23.23	252	846362	19.865	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.47	276	807419	19.530	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.48	278	658855	19.179	ng/ul#	97
91) Benzo(g,h,i)perylene	26.13	276	655500m	19.572	ng/ul	

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

