

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013065.D
 Acq On : 21 Nov 2017 03:58
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02042

Manual Integrations
 APPROVED

Sohil
 11/21/2017 2:29:26 PM

Quant Time: Nov 21 07:36:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 01:43:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	225980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1019211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	617578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1321663	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1117029	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	942324	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	29327m	6.01	ng/uL	0.00
5) Phenol-d5	6.89	99	323770	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	189807	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	257563	16.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	283934	17.71	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	135002	18.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	145613	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	295595	16.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	328817	17.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	888764	16.41	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1120890	16.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	136568	16.62	ng/ul	0.00
57) Fluorene-d10	15.35	176	750145	16.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	122162	21.32	ng/ul	0.00
70) Anthracene-d10	17.20	188	1107738	16.37	ng/ul	0.00
76) Pyrene-d10	19.49	212	1091544	19.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	784092	16.41	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	31935m	5.958	ng/uL
4) Benzaldehyde	6.86	77	159315	15.102	ng/ul# 86
6) Phenol	6.92	94	317085	16.412	ng/ul# 82
8) Bis(2-Chloroethyl)ether	7.15	93	246461	16.944	ng/ul 95
10) 2-Chlorophenol	7.28	128	254917	16.463	ng/ul 96
11) 2-Methylphenol	8.16	108	246609	16.817	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.25	45	276348	16.746	ng/ul# 85
14) Acetophenone	8.53	105	434598	17.686	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.52	70	217148	17.230	ng/ul# 70
16) 4-Methylphenol	8.48	108	271944	17.463	ng/ul 93
17) Hexachloroethane	8.78	117	112789	17.199	ng/ul# 72
20) Nitrobenzene	8.91	77	325198	17.918	ng/ul 92
21) Isophorone	9.43	82	605926	16.293	ng/ul# 92
23) 2-Nitrophenol	9.62	139	149295	19.855	ng/ul# 75
24) 2,4-Dimethylphenol	9.68	107	323057	16.332	ng/ul# 85
25) Bis(2-Chloroethoxy)methane	9.92	93	360320	16.885	ng/ul 95
27) 2,4-Dichlorophenol	10.15	162	281944	17.299	ng/ul 93
28) Naphthalene	10.55	128	857494	16.328	ng/ul 98
30) 4-Chloroaniline	10.66	127	322409	18.337	ng/ul 96
31) Hexachlorobutadiene	10.83	225	194001	16.531	ng/ul 97
32) Caprolactam	11.42	113	83915m	16.396	ng/ul
33) 4-Chloro-3-methylphenol	11.79	107	300484	17.309	ng/ul 95
34) 2-Methylnaphthalene	12.16	142	645481	16.799	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	368884	16.421	ng/ul	95
37) Hexachlorocyclopentadiene	12.51	237	252748	15.214	ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	239287	17.675	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	250108	17.669	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	858594	16.501	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	680900	16.510	ng/ul	98
42) 2-Nitroaniline	13.43	65	196419	22.426	ng/ul	95
44) Dimethylphthalate	13.82	163	853982	16.486	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	170966	21.631	ng/ul	94
47) Acenaphthylene	14.07	152	1044967	16.434	ng/ul	97
48) 3-Nitroaniline	14.26	138	155525	21.008	ng/ul	87
49) Acenaphthene	14.42	153	700088	16.383	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	83276	22.008	ng/ul	93
52) 4-Nitrophenol	14.57	109	136305	18.307	ng/ul#	82
53) Dibenzofuran	14.75	168	995914	16.270	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	237326	21.466	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.98	232	218492	18.432	ng/ul#	94
56) Diethylphthalate	15.19	149	838935	16.019	ng/ul	95
58) Fluorene	15.40	166	823536	16.337	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	434659	16.322	ng/ul	96
60) 4-Nitroaniline	15.42	138	162981	16.741	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.48	198	130814	21.018	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	698994	16.846	ng/ul	98
65) 4-Bromophenyl-phenylether	16.30	248	277476	17.334	ng/ul	96
66) Hexachlorobenzene	16.40	284	285209	16.509	ng/ul#	91
67) Atrazine	16.57	200	253047	15.921	ng/ul	94
68) Pentachlorophenol	16.74	266	154895	17.384	ng/ul	96
69) Phenanthrene	17.14	178	1240541	16.688	ng/ul	99
71) Anthracene	17.23	178	1283064	16.634	ng/ul	99
72) Carbazole	17.50	167	1045254	15.670	ng/ul	98
73) Di-n-butylphthalate	18.07	149	1268860	14.934	ng/ul	98
74) Fluoranthene	19.16	202	1330923	14.812	ng/ul#	93
77) Pyrene	19.52	202	1330235	19.125	ng/ul#	93
78) Butylbenzylphthalate	20.43	149	501253	17.344	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.20	252	371298	16.173	ng/ul#	94
80) Benzo(a)anthracene	21.27	228	1165775	16.307	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	702734	16.498	ng/ul#	98
82) Chrysene	21.32	228	1063377	16.041	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1073398	17.286	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1007651	16.547	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	971620	17.330	ng/ul#	98
88) Benzo(a)pyrene	23.42	252	928101	16.365	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	1038938	15.683	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.77	278	868566	15.478	ng/ul#	96
91) Benzo(g,h,i)perylene	26.43	276	857365	15.576	ng/ul#	96

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

