

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
 Data File : BM013547.D
 Acq On : 26 Dec 2017 22:36
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02003

Manual Integrations
 APPROVED

Sohil

12/27/2017 4:19:11 PM

Quant Time: Dec 27 04:18:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 27 03:26:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	174119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	787930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	477805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1037678	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	840336	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	745642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	26199	7.45	ng/uL	0.00
5) Phenol-d5	6.85	99	287056	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	168131	19.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	229341	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	239458	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	122916	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	131734	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	266293	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	286864	22.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	795973	18.72	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1014777	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	98172m	13.29	ng/ul	0.00
57) Fluorene-d10	15.31	176	691898	18.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	106399	16.30	ng/ul	0.00
70) Anthracene-d10	17.16	188	1007297	19.38	ng/ul	0.00
76) Pyrene-d10	19.46	212	940561	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	733383	19.31	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.26	88	29080	7.368	ng/uL# 67
4) Benzaldehyde	6.82	77	155165	20.815	ng/ul 93
6) Phenol	6.88	94	280410	18.829	ng/ul 88
8) Bis(2-Chloroethyl)ether	7.10	93	214392	18.828	ng/ul 99
10) 2-Chlorophenol	7.23	128	228572	19.802	ng/ul 97
11) 2-Methylphenol	8.11	108	220662	19.158	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.20	45	233006	19.489	ng/ul# 77
14) Acetophenone	8.49	105	377416	19.283	ng/ul 89
15) N-Nitroso-di-n-propylamine	8.48	70	186230	18.890	ng/ul# 70
16) 4-Methylphenol	8.44	108	234750	19.059	ng/ul 89
17) Hexachloroethane	8.73	117	93256	18.556	ng/ul 82
20) Nitrobenzene	8.86	77	305735	19.424	ng/ul 97
21) Isophorone	9.39	82	508287	18.352	ng/ul 96
23) 2-Nitrophenol	9.57	139	133063	19.192	ng/ul# 87
24) 2,4-Dimethylphenol	9.63	107	284308	18.802	ng/ul 91
25) Bis(2-Chloroethoxy)methane	9.87	93	307916	18.996	ng/ul 95
27) 2,4-Dichlorophenol	10.10	162	246555	19.369	ng/ul# 95
28) Naphthalene	10.49	128	773018	19.069	ng/ul 99
30) 4-Chloroaniline	10.61	127	280290	22.858	ng/ul 95
31) Hexachlorobutadiene	10.77	225	173410	18.807	ng/ul 94
32) Caprolactam	11.40	113	66119m	16.252	ng/ul
33) 4-Chloro-3-methylphenol	11.75	107	245042	17.548	ng/ul 89
34) 2-Methylnaphthalene	12.11	142	580390	19.046	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	341265	19.794	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	188663	16.625	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	209398	19.482	ng/ul	95
39) 2,4,5-Trichlorophenol	12.81	196	221308	19.383	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	782860	19.387	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	629843	19.881	ng/ul	99
42) 2-Nitroaniline	13.39	65	176173	18.980	ng/ul	98
44) Dimethylphthalate	13.77	163	757598	18.629	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	152557	18.394	ng/ul	97
47) Acenaphthylene	14.03	152	947142	19.506	ng/ul	98
48) 3-Nitroaniline	14.23	138	135964	18.340	ng/ul	84
49) Acenaphthene	14.37	153	643068	19.442	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	62067	13.523	ng/ul	90
52) 4-Nitrophenol	14.55	109	95394	13.163	ng/ul#	82
53) Dibenzofuran	14.71	168	929517	19.036	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	215230	17.839	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.95	232	195186	18.645	ng/ul	93
56) Diethylphthalate	15.15	149	767639	18.821	ng/ul	95
58) Fluorene	15.36	166	769253	19.043	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	420957	19.200	ng/ul	99
60) 4-Nitroaniline	15.40	138	125657	14.366	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	107703	16.511	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	641557	20.988	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	262052	21.483	ng/ul	98
66) Hexachlorobenzene	16.36	284	270619	20.117	ng/ul#	84
67) Atrazine	16.53	200	227828	20.193	ng/ul	94
68) Pentachlorophenol	16.72	266	122867	15.792	ng/ul	96
69) Phenanthrene	17.10	178	1152970	19.558	ng/ul	98
71) Anthracene	17.19	178	1149188	19.071	ng/ul	99
72) Carbazole	17.47	167	879710	16.973	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1248162	20.628	ng/ul	99
74) Fluoranthene	19.12	202	1168209	16.170	ng/ul#	91
77) Pyrene	19.49	202	1163166	22.784	ng/ul#	92
78) Butylbenzylphthalate	20.39	149	449425	22.531	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	284415	16.100	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	1008794	18.921	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	660188	21.958	ng/ul	98
82) Chrysene	21.29	228	947969	19.164	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	980482	18.492	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	952797	18.956	ng/ul#	96
86) Benzo(k)fluoranthene	22.85	252	918059	19.408	ng/ul#	98
88) Benzo(a)pyrene	23.37	252	862138	19.094	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.70	276	921881	20.577	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	773998	20.289	ng/ul#	96
91) Benzo(g,h,i)perylene	26.38	276	738364	20.894	ng/ul#	96

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

