

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
 Data File : BG028217.D
 Acq On : 9 Aug 2017 8:54
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02055

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:19:30 PM

Quant Time: Aug 09 17:49:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 08:20:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	34134	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	159791	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	122566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	333321	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	376043	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	346450	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5912	8.07	ng/uL	0.00
5) Phenol-d5	7.50	99	69359	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	44340	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	46368	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	58588	18.70	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	24404	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	30258	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	58364	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	72951	23.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	220911	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	250365	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	34515	19.91	ng/ul	0.00
57) Fluorene-d10	15.95	176	197522	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	43610	20.14	ng/ul	0.00
70) Anthracene-d10	17.81	188	319251	19.97	ng/ul	0.00
76) Pyrene-d10	20.08	212	369993	19.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	324981	20.04	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.88	88	7148	9.285	ng/uL#	87
4) Benzaldehyde	7.50	77	45060	20.799	ng/ul	85
6) Phenol	7.53	94	69642	18.692	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.76	93	49721	19.591	ng/ul	91
10) 2-Chlorophenol	7.92	128	45367	19.685	ng/ul	97
11) 2-Methylphenol	8.78	108	47839	18.191	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.88	45	114163	18.531	ng/ul	96
14) Acetophenone	9.18	105	85907	19.225	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.15	70	50635	19.938	ng/ul	89
16) 4-Methylphenol	9.11	108	56752	19.112	ng/ul	98
17) Hexachloroethane	9.45	117	18215	19.073	ng/ul#	89
20) Nitrobenzene	9.57	77	70917	19.606	ng/ul	95
21) Isophorone	10.08	82	140121	20.391	ng/ul	96
23) 2-Nitrophenol	10.28	139	27960	20.216	ng/ul	97
24) 2,4-Dimethylphenol	10.32	107	71199	20.712	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.56	93	72320	19.321	ng/ul#	89
27) 2,4-Dichlorophenol	10.82	162	52979	20.532	ng/ul	94
28) Naphthalene	11.23	128	157733	19.931	ng/ul	98
30) 4-Chloroaniline	11.33	127	68347	22.347	ng/ul	91
31) Hexachlorobutadiene	11.50	225	40199	21.106	ng/ul	90
32) Caprolactam	12.08	113	23179	21.603	ng/ul	86
33) 4-Chloro-3-methylphenol	12.43	107	70622	21.442	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	130919	20.595	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.17	216	77052	19.504	ng/ul	95
37) Hexachlorocyclopentadiene	13.14	237	39664	18.195	ng/ul#	99
38) 2,4,6-Trichlorophenol	13.40	196	53434	21.701	ng/ul	93
39) 2,4,5-Trichlorophenol	13.48	196	59252	22.077	ng/ul	95
40) 1,1'-Biphenyl	13.80	154	179195	20.018	ng/ul	99
41) 2-Chloronaphthalene	13.84	162	135508	19.155	ng/ul	95
42) 2-Nitroaniline	14.05	65	60059	20.249	ng/ul	99
44) Dimethylphthalate	14.40	163	202004	20.125	ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	45714	22.058	ng/ul#	93
47) Acenaphthylene	14.69	152	231670	19.723	ng/ul	97
48) 3-Nitroaniline	14.87	138	39740	21.296	ng/ul#	91
49) Acenaphthene	15.02	153	158152	19.956	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	25893	22.175	ng/ul#	89
52) 4-Nitrophenol	15.17	109	37891	21.098	ng/ul	95
53) Dibenzofuran	15.36	168	230488	19.947	ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	66534	21.184	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.58	232	57467	22.990	ng/ul	98
56) Diethylphthalate	15.75	149	236971	20.125	ng/ul	98
58) Fluorene	16.01	166	206436	20.179	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.99	204	109115	19.880	ng/ul#	87
60) 4-Nitroaniline	16.03	138	45974	20.766	ng/ul	82
63) 4,6-Dinitro-2-methylphenol	16.08	198	44414	20.229	ng/ul#	98
64) N-Nitrosodiphenylamine	16.21	169	175097	19.968	ng/ul	97
65) 4-Bromophenyl-phenylether	16.89	248	73724	20.579	ng/ul	90
66) Hexachlorobenzene	17.02	284	80511	21.110	ng/ul	97
67) Atrazine	17.15	200	76738	20.072	ng/ul	93
68) Pentachlorophenol	17.36	266	40548m	20.990	ng/ul	
69) Phenanthrene	17.75	178	331620	19.769	ng/ul	99
71) Anthracene	17.84	178	344660	20.104	ng/ul	100
72) Carbazole	18.11	167	298417	20.014	ng/ul	98
73) Di-n-butylphthalate	18.64	149	370330	19.952	ng/ul	97
74) Fluoranthene	19.75	202	413558	20.286	ng/ul	98
77) Pyrene	20.11	202	424452	18.919	ng/ul	99
78) Butylbenzylphthalate	20.98	149	166136	19.767	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.92	252	135245	18.642	ng/ul#	89
80) Benzo(a)anthracene	22.02	228	422876	19.463	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	237890	19.902	ng/ul	97
82) Chrysene	22.09	228	383494	19.598	ng/ul	97
84) Di-n-octyl phthalate	23.19	149	404596	19.487	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	417745	20.150	ng/ul#	97
86) Benzo(k)fluoranthene	24.50	252	400801	19.792	ng/ul#	97
88) Benzo(a)pyrene	25.38	252	401937	20.023	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	476860	20.286	ng/ul	99
90) Dibenzo(a,h)anthracene	29.62	278	396148	20.107	ng/ul	96
91) Benzo(g,h,i)perylene	30.82	276	384020	19.858	ng/ul	98

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

