

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030781.D
 Acq On : 6 Nov 2017 18:57
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02088

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:37:51 PM

Quant Time: Nov 07 06:52:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	295213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	194016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	493900	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	528764	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	534331	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	11697	7.25	ng/uL	0.00
5) Phenol-d5	7.31	99	108425	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	62978	15.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	88564	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	92087	18.11	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	42359	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	50999	23.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	99406	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	121123	21.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	294870	17.78	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	386856	19.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	51594	16.85	ng/ul	0.00
57) Fluorene-d10	15.76	176	293652	21.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	36180	15.01	ng/ul	0.00
70) Anthracene-d10	17.61	188	457604	19.59	ng/ul	0.00
76) Pyrene-d10	19.89	212	524998	19.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	500632	19.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	14150	7.191	ng/uL 91
4) Benzaldehyde	7.28	77	68510	17.612	ng/ul 96
6) Phenol	7.34	94	113583	17.436	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.56	93	84562	17.053	ng/ul 88
10) 2-Chlorophenol	7.72	128	87445	19.262	ng/ul 93
11) 2-Methylphenol	8.60	108	84689	17.389	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.69	45	129724	17.849	ng/ul# 96
14) Acetophenone	8.97	105	133811	17.233	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.95	70	69184	16.078	ng/ul# 94
16) 4-Methylphenol	8.92	108	93079	17.542	ng/ul 96
17) Hexachloroethane	9.25	117	33734	18.610	ng/ul 93
20) Nitrobenzene	9.36	77	99925	17.294	ng/ul# 87
21) Isophorone	9.89	82	191697	15.702	ng/ul 95
23) 2-Nitrophenol	10.08	139	52805	21.914	ng/ul# 77
24) 2,4-Dimethylphenol	10.13	107	103260	17.622	ng/ul# 88
25) Bis(2-Chloroethoxy)methane	10.36	93	117779	16.027	ng/ul# 94
27) 2,4-Dichlorophenol	10.62	162	98487	20.786	ng/ul 96
28) Naphthalene	11.02	128	287115	18.380	ng/ul 98
30) 4-Chloroaniline	11.13	127	118733	21.105	ng/ul 94
31) Hexachlorobutadiene	11.30	225	69035	23.324	ng/ul 98
32) Caprolactam	11.87	113	34488	17.006	ng/ul 95
33) 4-Chloro-3-methylphenol	12.24	107	100705	18.114	ng/ul 92
34) 2-Methylnaphthalene	12.61	142	222687	17.222	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	130813	22.752	ng/ul#	90
37) Hexachlorocyclopentadiene	12.95	237	19227	6.344	ng/ul	98
38) 2,4,6-Trichlorophenol	13.22	196	87854	22.056	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	93315	22.188	ng/ul	99
40) 1,1'-Biphenyl	13.60	154	295513	18.474	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	235973	19.489	ng/ul	95
42) 2-Nitroaniline	13.85	65	64633	17.041	ng/ul#	86
44) Dimethylphthalate	14.22	163	297498	18.388	ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	64665	22.851	ng/ul#	86
47) Acenaphthylene	14.50	152	373094	18.131	ng/ul	97
48) 3-Nitroaniline	14.67	138	67298	21.949	ng/ul#	83
49) Acenaphthene	14.84	153	254758	18.096	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	12775	8.435	ng/ul#	77
52) 4-Nitrophenol	14.99	109	37072	16.044	ng/ul#	77
53) Dibenzofuran	15.17	168	375530	19.511	ng/ul	91
54) 2,4-Dinitrotoluene	15.13	165	93604	22.623	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.40	232	88693	23.983	ng/ul#	89
56) Diethylphthalate	15.57	149	302472	18.143	ng/ul	98
58) Fluorene	15.81	166	305427	19.892	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	163617	22.649	ng/ul	88
60) 4-Nitroaniline	15.83	138	75418	20.009	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.90	198	39405	15.469	ng/ul#	74
64) N-Nitrosodiphenylamine	16.01	169	273317	18.553	ng/ul	97
65) 4-Bromophenyl-phenylether	16.70	248	112355	22.549	ng/ul	92
66) Hexachlorobenzene	16.82	284	123968	24.317	ng/ul	93
67) Atrazine	16.95	200	113246	20.243	ng/ul	97
68) Pentachlorophenol	17.17	266	57722	19.004	ng/ul	95
69) Phenanthrene	17.55	178	513835	19.245	ng/ul	98
71) Anthracene	17.65	178	532527	19.331	ng/ul	99
72) Carbazole	17.91	167	478276	19.315	ng/ul	97
73) Di-n-butylphthalate	18.45	149	556288	18.697	ng/ul	98
74) Fluoranthene	19.55	202	642052	21.517	ng/ul	99
77) Pyrene	19.92	202	653413	18.438	ng/ul	99
78) Butylbenzylphthalate	20.78	149	256897	17.878	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.67	252	215583	22.280	ng/ul#	95
80) Benzo(a)anthracene	21.77	228	647649	19.544	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	365932	17.573	ng/ul#	98
82) Chrysene	21.83	228	584303	19.406	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	623636	17.444	ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	634413	19.777	ng/ul	97
86) Benzo(k)fluoranthene	24.10	252	639583m	20.622	ng/ul	
88) Benzo(a)pyrene	24.94	252	620039	19.858	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	739919	20.945	ng/ul	98
90) Dibenzo(a,h)anthracene	28.94	278	626119	21.335	ng/ul	99
91) Benzo(g,h,i)perylene	30.06	276	603671	20.615	ng/ul	97

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

