

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025133.D
 Acq On : 13 Dec 2016 3:16
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02033

Manual Integrations
 APPROVED

sohil
 12/13/2016 6:08:08 PM

Quant Time: Dec 13 06:24:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 01:00:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	121958	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	540237	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	441744	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	946346	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1103310	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1103285	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	17654	7.48	ng/uL	0.00
5) Phenol-d5	7.39	99	220095	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	136576	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	157737	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	181921	20.69	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	80983	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	95856	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	182171	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	213489	23.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	577362	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	676692	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	96121	18.41	ng/ul	0.00
57) Fluorene-d10	15.85	176	561888	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	117693	20.11	ng/ul	0.00
70) Anthracene-d10	17.70	188	800558	20.04	ng/ul	0.00
76) Pyrene-d10	19.97	212	932487	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	939114	21.01	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	21376	6.95 ng/uL#	81
4) Benzaldehyde	7.37	77	168472	21.27 ng/ul	98
6) Phenol	7.41	94	236603	21.91 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.65	93	155510	19.68 ng/ul	96
10) 2-Chlorophenol	7.80	128	156720	21.19 ng/ul	97
11) 2-Methylphenol	8.67	108	167056	21.01 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.76	45	302399	22.50 ng/ul	99
14) Acetophenone	9.07	105	270156	20.19 ng/ul	94
15) N-Nitroso-di-n-propylamine	9.04	70	153504	19.86 ng/ul	97
16) 4-Methylphenol	9.00	108	185203	20.94 ng/ul	98
17) Hexachloroethane	9.33	117	66801	20.39 ng/ul	92
20) Nitrobenzene	9.46	77	252553	21.48 ng/ul	95
21) Isophorone	9.97	82	427784	19.23 ng/ul	97
23) 2-Nitrophenol	10.17	139	97823	20.22 ng/ul	91
24) 2,4-Dimethylphenol	10.21	107	225536	20.39 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.45	93	226492	19.98 ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	182412	20.48 ng/ul	93
28) Naphthalene	11.12	128	497631	19.82 ng/ul	99
30) 4-Chloroaniline	11.22	127	218134	23.67 ng/ul	97
31) Hexachlorobutadiene	11.38	225	146387	19.12 ng/ul	95
32) Caprolactam	11.99	113	67273	18.19 ng/ul	94
33) 4-Chloro-3-methylphenol	12.33	107	227957	20.77 ng/ul	98
34) 2-Methylnaphthalene	12.70	142	387723	19.56 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	266441	20.01	ng/ul	96
37) Hexachlorocyclopentadiene	13.03	237	145514	18.62	ng/ul	99
38) 2,4,6-Trichlorophenol	13.30	196	178575	21.35	ng/ul	97
39) 2,4,5-Trichlorophenol	13.37	196	183778	20.05	ng/ul	96
40) 1,1'-Biphenyl	13.69	154	553411	20.66	ng/ul	97
41) 2-Chloronaphthalene	13.75	162	437875	20.54	ng/ul	97
42) 2-Nitroaniline	13.95	65	185894	22.28	ng/ul	92
44) Dimethylphthalate	14.30	163	569016	19.06	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	132939	20.72	ng/ul#	92
47) Acenaphthylene	14.59	152	660990	20.43	ng/ul	99
48) 3-Nitroaniline	14.77	138	119816	21.56	ng/ul#	81
49) Acenaphthene	14.93	153	459387	20.72	ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	71989	17.27	ng/ul#	78
52) 4-Nitrophenol	15.07	109	117317	18.68	ng/ul	90
53) Dibenzofuran	15.26	168	704504	20.09	ng/ul	99
54) 2,4-Dinitrotoluene	15.22	165	185104	19.14	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.48	232	187119	19.32	ng/ul#	99
56) Diethylphthalate	15.65	149	590418	18.67	ng/ul	99
58) Fluorene	15.90	166	561794	19.68	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.88	204	311478	19.38	ng/ul	92
60) 4-Nitroaniline	15.93	138	123566	18.44	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.98	198	118014	19.47	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	522437	21.46	ng/ul	98
65) 4-Bromophenyl-phenylether	16.78	248	226357	21.18	ng/ul	92
66) Hexachlorobenzene	16.90	284	243099	20.20	ng/ul	97
67) Atrazine	17.04	200	228475	19.74	ng/ul	93
68) Pentachlorophenol	17.25	266	136915	18.94	ng/ul	94
69) Phenanthrene	17.65	178	926689	20.52	ng/ul	99
71) Anthracene	17.73	178	962465	20.73	ng/ul	98
72) Carbazole	18.00	167	818045	21.11	ng/ul	99
73) Di-n-butylphthalate	18.53	149	998385	20.41	ng/ul	99
74) Fluoranthene	19.64	202	1118769	20.84	ng/ul	99
77) Pyrene	20.00	202	1110210	20.93	ng/ul	99
78) Butylbenzylphthalate	20.85	149	451864	21.76	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.78	252	441035	22.93	ng/ul#	92
80) Benzo(a)anthracene	21.88	228	1167261	20.36	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	636581	22.27	ng/ul	99
82) Chrysene	21.95	228	1093515	20.39	ng/ul	100
84) Di-n-octyl phthalate	22.99	149	1091208	24.36	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1158761	21.18	ng/ul	96
86) Benzo(k)fluoranthene	24.29	252	1074698	20.67	ng/ul	98
88) Benzo(a)pyrene	25.16	252	1093364	20.79	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.26	276	1272192m	19.46	ng/ul	
90) Dibenzo(a,h)anthracene	29.32	278	1096570m	19.91	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	996881m	18.27	ng/ul	

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

