

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025030.D
 Acq On : 9 Dec 2016 6:27
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02021

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:55 PM

Quant Time: Dec 09 07:17:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	110776	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	481516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	403295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	931914m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1161229	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1227538	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	16394	7.64	ng/uL	0.00
5) Phenol-d5	7.38	99	195915	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	115219	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	142280	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	158166	19.80	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	66246	19.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	82533	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	171271	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	193348	24.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	552581	19.92	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	632974	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	97783	20.51	ng/ul	0.00
57) Fluorene-d10	15.85	176	522635	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	119347m	20.71	ng/ul	0.00
70) Anthracene-d10	17.70	188	800427	20.35	ng/ul	0.00
76) Pyrene-d10	19.98	212	965061	20.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1033550	20.78	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.64	88	20091	7.19	ng/uL	99
4) Benzaldehyde	7.38	77	156077	21.69	ng/ul	95
6) Phenol	7.41	94	200852	20.48	ng/ul#	94
8) Bis(2-Chloroethyl)ether	7.66	93	141301	19.69	ng/ul	90
10) 2-Chlorophenol	7.80	128	139844	20.81	ng/ul#	88
11) 2-Methylphenol	8.68	108	153905	21.31	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.77	45	236095	19.34	ng/ul	98
14) Acetophenone	9.07	105	229558	18.89	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.04	70	140176	19.97	ng/ul#	81
16) 4-Methylphenol	9.01	108	165704	20.62	ng/ul	98
17) Hexachloroethane	9.34	117	61146	20.54	ng/ul#	82
20) Nitrobenzene	9.46	77	214872	20.51	ng/ul	98
21) Isophorone	9.98	82	371616	18.74	ng/ul	97
23) 2-Nitrophenol	10.18	139	91325	21.18	ng/ul#	87
24) 2,4-Dimethylphenol	10.22	107	201631	20.45	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.46	93	197302	19.52	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	168562	21.24	ng/ul	95
28) Naphthalene	11.12	128	459319	20.52	ng/ul	97
30) 4-Chloroaniline	11.23	127	188990	23.01	ng/ul	99
31) Hexachlorobutadiene	11.39	225	136676	20.03	ng/ul	95
32) Caprolactam	11.99	113	64713	19.63	ng/ul	87
33) 4-Chloro-3-methylphenol	12.33	107	203938	20.84	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	352474	19.95	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	258596	21.27	ng/ul#	93
37) Hexachlorocyclopentadiene	13.04	237	123732	17.34	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	165467	21.67	ng/ul	95
39) 2,4,5-Trichlorophenol	13.38	196	181059	21.63	ng/ul	90
40) 1,1'-Biphenyl	13.70	154	497328	20.34	ng/ul	98
41) 2-Chloronaphthalene	13.75	162	396665	20.38	ng/ul	94
42) 2-Nitroaniline	13.95	65	158646	20.82	ng/ul	93
44) Dimethylphthalate	14.30	163	538595	19.76	ng/ul	96
45) 2,6-Dinitrotoluene	14.44	165	120697	20.60	ng/ul	93
47) Acenaphthylene	14.59	152	605786	20.51	ng/ul	95
48) 3-Nitroaniline	14.77	138	112520	22.18	ng/ul#	87
49) Acenaphthene	14.93	153	425256	21.01	ng/ul	96
50) 2,4-Dinitrophenol	14.97	184	80363	21.11	ng/ul	87
52) 4-Nitrophenol	15.06	109	119597	20.86	ng/ul	96
53) Dibenzofuran	15.26	168	655098	20.47	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	182777	20.70	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.48	232	186539	21.09	ng/ul	97
56) Diethylphthalate	15.65	149	561060	19.43	ng/ul	98
58) Fluorene	15.90	166	528500	20.28	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.89	204	291601	19.87	ng/ul	89
60) 4-Nitroaniline	15.93	138	120440	19.68	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.98	198	121858m	20.42	ng/ul	
64) N-Nitrosodiphenylamine	16.10	169	495926	20.68	ng/ul	94
65) 4-Bromophenyl-phenylether	16.78	248	224711	21.35	ng/ul	94
66) Hexachlorobenzene	16.90	284	260347	21.97	ng/ul	94
67) Atrazine	17.04	200	223073	19.57	ng/ul	94
68) Pentachlorophenol	17.25	266	149421m	21.00	ng/ul	
69) Phenanthrene	17.65	178	905336m	20.35	ng/ul	
71) Anthracene	17.74	178	933849	20.42	ng/ul	98
72) Carbazole	18.01	167	800976	20.99	ng/ul	98
73) Di-n-butylphthalate	18.53	149	951028m	19.74	ng/ul	
74) Fluoranthene	19.64	202	1134043m	21.46	ng/ul	
77) Pyrene	20.01	202	1118653	20.04	ng/ul#	96
78) Butylbenzylphthalate	20.86	149	444703	20.35	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.78	252	463395	22.89	ng/ul	92
80) Benzo(a)anthracene	21.87	228	1241176	20.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	616925	20.51	ng/ul#	96
82) Chrysene	21.94	228	1151677	20.41	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	1061883	21.31	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1256465	20.64	ng/ul	100
86) Benzo(k)fluoranthene	24.29	252	1190864	20.58	ng/ul	97
88) Benzo(a)pyrene	25.15	252	1189954	20.33	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	1491791	20.51	ng/ul	96
90) Dibenzo(a,h)anthracene	29.30	278	1272348	20.76	ng/ul#	95
91) Benzo(g,h,i)perylene	30.48	276	1240880m	20.44	ng/ul	

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

