

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
 Data File : BG024884.D
 Acq On : 22 Nov 2016 8:18
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02022

Manual Integrations
 APPROVED

sohil
 11/22/2016 4:08:16 PM

Quant Time: Nov 22 09:34:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 18 00:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	149761	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	591215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	440939	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	815675m	20.00	ng/ul	0.02
75) Chrysene-d12	21.93	240	989836	20.00	ng/ul	0.02
83) Perylene-d12	25.39	264	925741	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.63	96	17952	6.21	ng/uL	0.00
5) Phenol-d5	7.41	99	249582	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	157005	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	179677	19.53	ng/ul	0.02
13) 4-Methylphenol-d8	8.96	113	205308	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	95190	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	108795	20.36	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.71	165	214388	20.16	ng/ul	0.02
29) 4-Chloroaniline-d4	11.23	131	240769	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	610735	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	732416	20.91	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	94132	16.45	ng/ul	0.02
57) Fluorene-d10	15.88	176	572860	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	60199m	10.74	ng/ul	0.02
70) Anthracene-d10	17.73	188	780265	21.66	ng/ul	0.02
76) Pyrene-d10	20.01	212	878168	20.46	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.15	264	866004	21.37	ng/ul	0.04

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.66	88	23587	6.51	ng/uL	97
4) Benzaldehyde	7.40	77	186576	22.57	ng/ul	98
6) Phenol	7.43	94	253057	18.88	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.67	93	182140	19.09	ng/ul	93
10) 2-Chlorophenol	7.83	128	175033	19.67	ng/ul	94
11) 2-Methylphenol	8.71	108	191408	19.50	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.80	45	327505	20.22	ng/ul#	97
14) Acetophenone	9.10	105	297146	18.32	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.07	70	172048	18.66	ng/ul	88
16) 4-Methylphenol	9.03	108	203078	19.12	ng/ul	93
17) Hexachloroethane	9.36	117	82301	20.20	ng/ul	96
20) Nitrobenzene	9.49	77	274627	20.66	ng/ul	96
21) Isophorone	10.00	82	484823	19.56	ng/ul#	94
23) 2-Nitrophenol	10.21	139	108936	20.18	ng/ul	94
24) 2,4-Dimethylphenol	10.24	107	255266	19.91	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.48	93	260596	20.02	ng/ul	97
27) 2,4-Dichlorophenol	10.74	162	213758	20.97	ng/ul#	94
28) Naphthalene	11.15	128	585029	20.63	ng/ul	97
30) 4-Chloroaniline	11.25	127	244327	21.31	ng/ul	91
31) Hexachlorobutadiene	11.41	225	189790	21.21	ng/ul	96
32) Caprolactam	12.02	113	67741	16.86	ng/ul	83
33) 4-Chloro-3-methylphenol	12.35	107	234377	18.99	ng/ul	97
34) 2-Methylnaphthalene	12.73	142	453344	20.32	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	324288	22.67	ng/ul#	92
37) Hexachlorocyclopentadiene	13.06	237	118437	12.84	ng/ul	98
38) 2,4,6-Trichlorophenol	13.33	196	185845	21.35	ng/ul	87
39) 2,4,5-Trichlorophenol	13.40	196	201745	21.33	ng/ul	99
40) 1,1'-Biphenyl	13.73	154	604758	21.31	ng/ul	98
41) 2-Chloronaphthalene	13.78	162	478117	21.68	ng/ul	96
42) 2-Nitroaniline	13.98	65	177191	20.26	ng/ul	96
44) Dimethylphthalate	14.32	163	602006	19.52	ng/ul	99
45) 2,6-Dinitrotoluene	14.46	165	127150	19.61	ng/ul#	97
47) Acenaphthylene	14.62	152	707281	20.85	ng/ul	100
48) 3-Nitroaniline	14.80	138	119593	19.96	ng/ul#	90
49) Acenaphthene	14.95	153	483977	20.16	ng/ul	98
50) 2,4-Dinitrophenol	15.01	184	30307	6.53	ng/ul	87
52) 4-Nitrophenol	15.09	109	105252	15.37	ng/ul	88
53) Dibenzofuran	15.28	168	733100	19.96	ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	179278	18.29	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.51	232	185175	18.82	ng/ul#	92
56) Diethylphthalate	15.68	149	595994	18.19	ng/ul	94
58) Fluorene	15.93	166	560512	18.80	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.91	204	316107	18.75	ng/ul	92
60) 4-Nitroaniline	15.95	138	119935	17.60	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.01	198	60592m	10.65	ng/ul	
64) N-Nitrosodiphenylamine	16.13	169	510985	23.19	ng/ul	98
65) 4-Bromophenyl-phenylether	16.81	248	224993	22.68	ng/ul	96
66) Hexachlorobenzene	16.93	284	247461	22.54	ng/ul	96
67) Atrazine	17.06	200	216334	20.94	ng/ul	94
68) Pentachlorophenol	17.28	266	128963	19.90	ng/ul	92
69) Phenanthrene	17.67	178	868656m	21.36	ng/ul	
71) Anthracene	17.77	178	901373	21.43	ng/ul	99
72) Carbazole	18.03	167	740925	21.48	ng/ul	98
73) Di-n-butylphthalate	18.56	149	871820	20.05	ng/ul	99
74) Fluoranthene	19.67	202	1020508m	21.61	ng/ul	
77) Pyrene	20.04	202	992383	20.40	ng/ul	97
78) Butylbenzylphthalate	20.89	149	413535	20.77	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.82	252	426854	22.43	ng/ul	95
80) Benzo(a)anthracene	21.92	228	1158364	21.50	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	581722	21.35	ng/ul#	98
82) Chrysene	21.99	228	1080868	21.40	ng/ul	96
84) Di-n-octyl phthalate	23.04	149	1024047	26.13	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1037282	21.27	ng/ul	95
86) Benzo(k)fluoranthene	24.35	252	1141777	24.65	ng/ul	98
88) Benzo(a)pyrene	25.22	252	994878	21.08	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.37	276	965528m	16.36	ng/ul	
90) Dibenzo(a,h)anthracene	29.42	278	727586	14.80	ng/ul	99
91) Benzo(g,h,i)perylene	30.59	276	659751m	13.57	ng/ul	

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

