

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024338.D
 Acq On : 14 Oct 2016 2:15
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Umangi
 10/14/2016 6:43:44 PM

Quant Time: Oct 14 03:44:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 14 02:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	176663	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	741300	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	545218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1090153m	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1211538	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1244464	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	24884	6.69	ng/uL	0.00
5) Phenol-d5	7.42	99	334026	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	211600	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	241500	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	272223	20.43	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	119708	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	139652	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	271414	21.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	309738	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	796749	20.93	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	967182	22.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	134008	19.85	ng/ul	0.00
57) Fluorene-d10	15.89	176	764686	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	147275m	22.48	ng/ul	0.00
70) Anthracene-d10	17.74	188	1033237	20.98	ng/ul	0.00
76) Pyrene-d10	20.01	212	1196111	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1203439	21.49	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.69	88	33665	8.35	ng/uL#	87
4) Benzaldehyde	7.42	77	252475	21.77	ng/ul	95
6) Phenol	7.44	94	342801	20.49	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.69	93	242277	19.67	ng/ul	99
10) 2-Chlorophenol	7.84	128	227197	19.75	ng/ul	95
11) 2-Methylphenol	8.71	108	254515	20.54	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.82	45	451577	18.36	ng/ul	98
14) Acetophenone	9.12	105	408369	20.64	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.09	70	238044	19.95	ng/ul	94
16) 4-Methylphenol	9.04	108	267241	20.33	ng/ul	93
17) Hexachloroethane	9.38	117	108351	20.37	ng/ul#	91
20) Nitrobenzene	9.50	77	373068	22.41	ng/ul#	96
21) Isophorone	10.03	82	631914	20.88	ng/ul	98
23) 2-Nitrophenol	10.22	139	140868	21.96	ng/ul	91
24) 2,4-Dimethylphenol	10.25	107	331739	20.99	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.50	93	347757	20.96	ng/ul#	90
27) 2,4-Dichlorophenol	10.75	162	262027	21.32	ng/ul	97
28) Naphthalene	11.17	128	758396	21.25	ng/ul	98
30) 4-Chloroaniline	11.27	127	307053	22.47	ng/ul	90
31) Hexachlorobutadiene	11.44	225	204193	20.74	ng/ul#	85
32) Caprolactam	12.02	113	89540	19.17	ng/ul	94
33) 4-Chloro-3-methylphenol	12.35	107	309769	20.60	ng/ul	95
34) 2-Methylnaphthalene	12.75	142	588633	20.74	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	381220	23.71	ng/ul	95
37) Hexachlorocyclopentadiene	13.08	237	245513	20.82	ng/ul	93
38) 2,4,6-Trichlorophenol	13.34	196	241339	23.15	ng/ul	85
39) 2,4,5-Trichlorophenol	13.41	196	256592	22.40	ng/ul	97
40) 1,1'-Biphenyl	13.74	154	778891	22.06	ng/ul	99
41) 2-Chloronaphthalene	13.79	162	623358	22.52	ng/ul	93
42) 2-Nitroaniline	13.99	65	242103	22.98	ng/ul	98
44) Dimethylphthalate	14.34	163	776486	20.80	ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	166955	23.05	ng/ul#	93
47) Acenaphthylene	14.63	152	937233	22.33	ng/ul	97
48) 3-Nitroaniline	14.80	138	151111	22.08	ng/ul#	94
49) Acenaphthene	14.97	153	659390	21.98	ng/ul	95
50) 2,4-Dinitrophenol	15.00	184	105323	21.68	ng/ul	88
52) 4-Nitrophenol	15.08	109	156006	19.07	ng/ul#	79
53) Dibenzofuran	15.30	168	947566	21.46	ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	235797	21.97	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.51	232	243167	21.62	ng/ul	96
56) Diethylphthalate	15.70	149	796973	20.25	ng/ul	98
58) Fluorene	15.94	166	758585	20.78	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.93	204	416484	20.56	ng/ul	89
60) 4-Nitroaniline	15.95	138	154420	19.60	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.01	198	157679m	22.96	ng/ul	
64) N-Nitrosodiphenylamine	16.14	169	680207	22.06	ng/ul	97
65) 4-Bromophenyl-phenylether	16.82	248	286975	22.73	ng/ul	92
66) Hexachlorobenzene	16.94	284	322351	22.88	ng/ul	94
67) Atrazine	17.08	200	275238	21.83	ng/ul	98
68) Pentachlorophenol	17.28	266	197966	23.12	ng/ul	93
69) Phenanthrene	17.69	178	1165545m	21.18	ng/ul	
71) Anthracene	17.78	178	1195380	21.34	ng/ul	97
72) Carbazole	18.04	167	1007654	22.92	ng/ul	97
73) Di-n-butylphthalate	18.57	149	1202491	22.36	ng/ul	99
74) Fluoranthene	19.68	202	1350870	24.30	ng/ul	99
77) Pyrene	20.04	202	1367543	21.13	ng/ul	99
78) Butylbenzylphthalate	20.91	149	562776	21.65	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.82	252	516888	22.91	ng/ul#	92
80) Benzo(a)anthracene	21.92	228	1467144	21.82	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.79	149	781054	21.24	ng/ul	96
82) Chrysene	21.99	228	1370483	21.41	ng/ul	98
84) Di-n-octyl phthalate	23.08	149	1355199	23.21	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1473185m	21.32	ng/ul	
86) Benzo(k)fluoranthene	24.36	252	1405212	21.11	ng/ul	98
88) Benzo(a)pyrene	25.22	252	1416394	21.52	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.34	276	1713360	21.98	ng/ul	99
90) Dibenzo(a,h)anthracene	29.42	278	1460212	22.15	ng/ul	94
91) Benzo(g,h,i)perylene	30.58	276	1416243	21.61	ng/ul	98

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

