

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021504.D
 Acq On : 25 Mar 2016 5:04
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

Sohil
 4/8/2016 6:08:19 PM

Quant Time: Mar 25 06:01:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	56168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	37500	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	87501	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	101506	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	97654	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2348	9.31	ng/uL	0.00
5) Phenol-d5	7.33	99	24103	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	14926	23.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	17180	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	22392	24.44	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	9577	22.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	11092	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	20443	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	26789	23.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	65481	20.97	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	83038	21.57	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	8670	17.37	ng/ul	0.00
58) Fluorene-d10	15.66	176	59213	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	12023	20.80	ng/ul	0.00
71) Anthracene-d10	17.51	188	91693	21.38	ng/ul	0.00
79) Pyrene-d10	19.79	212	100882	21.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	97139	21.55	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.50	88	3224	9.47	ng/uL#	81
4) Benzaldehyde	7.20	77	15854	24.33	ng/ul	98
6) Phenol	7.36	94	24503	21.67	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.49	93	17871	21.83	ng/ul	88
10) 2-Chlorophenol	7.67	128	18321	21.94	ng/ul	90
11) 2-Methylphenol	8.58	108	19170	22.03	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.59	45	22211	22.49	ng/ul#	1
14) Acetophenone	8.89	105	32863	21.99	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.87	70	18996	22.92	ng/ul#	96
16) 4-Methylphenol	8.91	108	21849	22.13	ng/ul	88
17) Hexachloroethane	9.14	117	8165	23.31	ng/ul	90
20) Nitrobenzene	9.28	77	26483	22.25	ng/ul	93
21) Isophorone	9.79	82	51011	22.23	ng/ul	97
23) 2-Nitrophenol	9.99	139	11831	22.25	ng/ul	93
24) 2,4-Dimethylphenol	10.08	107	26479	22.06	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.27	93	27213	22.77	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	20241	22.64	ng/ul	92
28) Naphthalene	10.92	128	64456	21.64	ng/ul	98
30) 4-Chloroaniline	11.03	127	27766	23.50	ng/ul	95
31) Hexachlorobutadiene	11.19	225	13558	20.59	ng/ul	97
32) Caprolactam	11.79	113	7793m	23.21	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	25707	23.54	ng/ul	94
34) 2-Methylnaphthalene	12.51	142	47322	21.41	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	47225	22.02	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	28122	21.42	ng/ul	92
38) Hexachlorocyclopentadiene	12.85	237	8149	16.95	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.14	196	17553	22.75	ng/ul	97
40) 2,4,5-Trichlorophenol	13.31	196	19278	22.89	ng/ul	97
41) 1,1'-Biphenyl	13.51	154	65088	21.22	ng/ul	94
42) 2-Chloronaphthalene	13.56	162	50626	21.10	ng/ul	98
43) 2-Nitroaniline	13.78	65	19067	22.79	ng/ul#	87
45) Dimethylphthalate	14.13	163	68647	21.16	ng/ul	100
46) 2,6-Dinitrotoluene	14.26	165	14592	22.04	ng/ul	87
48) Acenaphthylene	14.41	152	82419	21.61	ng/ul	99
49) 3-Nitroaniline	14.60	138	14153	23.11	ng/ul	91
50) Acenaphthene	14.74	153	55403	21.06	ng/ul	92
51) 2,4-Dinitrophenol	14.81	184	6645	19.92	ng/ul#	80
53) 4-Nitrophenol	15.09	109	10664	20.60	ng/ul#	1
54) Dibenzofuran	15.08	168	78109	21.20	ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	21384	22.03	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.33	232	14462	23.49	ng/ul	94
57) Diethylphthalate	15.48	149	72709	20.97	ng/ul	99
59) Fluorene	15.72	166	67523	20.96	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	35372	20.91	ng/ul	94
61) 4-Nitroaniline	15.76	138	13848	21.57	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	13096	21.45	ng/ul#	91
65) N-Nitrosodiphenylamine	15.93	169	58684	21.65	ng/ul	97
66) 4-Bromophenyl-phenylether	16.60	248	22218	21.74	ng/ul	88
67) Hexachlorobenzene	16.72	284	24036	22.29	ng/ul#	90
68) Atrazine	16.87	200	25382	23.22	ng/ul	94
69) Pentachlorophenol	17.09	266	5596	19.63	ng/ul	91
70) Phenanthrene	17.46	178	104836	21.16	ng/ul	99
72) Anthracene	17.55	178	108862	21.59	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	28126	22.96	ng/uL	87
74) Pentachlorobenzene	14.99	250	28142	22.13	ng/uL	95
75) Carbazole	17.83	167	91527	20.98	ng/ul	97
76) Di-n-butylphthalate	18.36	149	120015	21.32	ng/ul	100
77) Fluoranthene	19.46	202	125210	20.94	ng/ul	96
80) Pvrene	19.82	202	127592	21.10	ng/ul#	94
81) Butylbenzylphthalate	20.69	149	57432	22.48	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	48971	23.26	ng/ul#	98
83) Benzo(a)anthracene	21.65	228	134099	21.88	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.53	149	83922	22.46	ng/ul	97
85) Chrysene	21.72	228	126149	21.74	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	148362	22.38	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	137279	21.89	ng/ul	97
89) Benzo(k)fluoranthene	23.93	252	132179m	21.45	ng/ul	
91) Benzo(a)pyrene	24.74	252	133275	21.89	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.55	276	151006	21.82	ng/ul	95
93) Dibenzo(a,h)anthracene	28.60	278	128373	21.81	ng/ul	95
94) Benzo(a,h,i)perylene	29.69	276	123476	21.70	ng/ul	96

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

