

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032216\
 Data File : BG021472.D
 Acq On : 22 Mar 2016 13:40
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02014

Manual Integrations
 APPROVED

Sohil
 3/23/2016 12:15:02 PM

Quant Time: Mar 23 03:29:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 01:30:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	48662	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	30830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	70170	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	84034	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	79827	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1974	8.58	ng/uL	0.00
5) Phenol-d5	7.33	99	20570	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	13513	23.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15782	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	19638	23.48	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8254	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	9125	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17630	23.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	22125	22.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	53898	21.00	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	69622	22.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	6466	15.76	ng/ul	0.00
58) Fluorene-d10	15.67	176	48714	21.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	9119	19.67	ng/ul	0.00
71) Anthracene-d10	17.52	188	74758	21.74	ng/ul	0.00
79) Pyrene-d10	19.80	212	85509	21.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	79844	21.67	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	2649	8.52 ng/uL#	86
4) Benzaldehyde	7.21	77	14339	24.10 ng/ul	96
6) Phenol	7.36	94	22196	21.50 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	15731	21.05 ng/ul#	86
10) 2-Chlorophenol	7.67	128	16347	21.45 ng/ul	98
11) 2-Methylphenol	8.58	108	16501	20.77 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.60	45	19594	21.74 ng/ul#	44
14) Acetophenone	8.89	105	29444	21.58 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	17466	23.09 ng/ul#	98
16) 4-Methylphenol	8.92	108	19133	21.23 ng/ul	91
17) Hexachloroethane	9.15	117	6812	21.30 ng/ul	98
20) Nitrobenzene	9.28	77	24194	23.46 ng/ul	98
21) Isophorone	9.79	82	44443	22.36 ng/ul#	96
23) 2-Nitrophenol	9.99	139	10291	22.34 ng/ul	91
24) 2,4-Dimethylphenol	10.09	107	23718	22.81 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.28	93	22890	22.11 ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	17779	22.95 ng/ul	97
28) Naphthalene	10.93	128	57311	22.21 ng/ul	99
30) 4-Chloroaniline	11.05	127	23642	23.10 ng/ul	94
31) Hexachlorobutadiene	11.20	225	13022	22.83 ng/ul	98
32) Caprolactam	11.79	113	5808	19.96 ng/ul#	78
33) 4-Chloro-3-methylphenol	12.24	107	21468	22.69 ng/ul	93
34) 2-Methylnaphthalene	12.52	142	42578	22.24 ng/ul	98

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35) 1-Methylnaphthalene	12.74	142	41456	22.31	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	23957	22.20	ng/ul	94
38) Hexachlorocyclopentadiene	12.85	237	8129	20.57	ng/ul	97
39) 2,4,6-Trichlorophenol	13.15	196	14534	22.91	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.30	196	15889	22.95	ng/ul	99
41) 1,1'-Biphenyl	13.52	154	56181	22.28	ng/ul	94
42) 2-Chloronaphthalene	13.57	162	44436	22.53	ng/ul	97
43) 2-Nitroaniline	13.78	65	15406	22.39	ng/ul	91
45) Dimethylphthalate	14.14	163	56863	21.32	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	11933	21.92	ng/ul	92
48) Acenaphthylene	14.41	152	69515	22.17	ng/ul	96
49) 3-Nitroaniline	14.61	138	10946	21.74	ng/ul	84
50) Acenaphthene	14.75	153	47269	21.86	ng/ul	94
51) 2,4-Dinitrophenol	14.82	184	4593	16.75	ng/ul#	83
53) 4-Nitrophenol	15.09	109	7888	18.53	ng/ul#	1
54) Dibenzofuran	15.08	168	65744	21.70	ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	16692	20.92	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	15.33	232	11053	21.83	ng/ul#	96
57) Diethylphthalate	15.49	149	57469	20.16	ng/ul	97
59) Fluorene	15.73	166	55890	21.10	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.72	204	28904	20.78	ng/ul	97
61) 4-Nitroaniline	15.76	138	10749	20.37	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	9737	19.89	ng/ul#	97
65) N-Nitrosodiphenylamine	15.93	169	49317	22.69	ng/ul	98
66) 4-Bromophenyl-phenylether	16.61	248	18258	22.28	ng/ul#	87
67) Hexachlorobenzene	16.73	284	18989	21.96	ng/ul#	90
68) Atrazine	16.87	200	18118	20.66	ng/ul	98
69) Pentachlorophenol	17.10	266	3515	15.37	ng/ul	89
70) Phenanthrene	17.46	178	86580	21.79	ng/ul	98
72) Anthracene	17.56	178	87708	21.69	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	23227	23.64	ng/uL	92
74) Pentachlorobenzene	15.00	250	23634	23.17	ng/uL	96
75) Carbazole	17.83	167	74662	21.34	ng/ul	97
76) Di-n-butylphthalate	18.37	149	98088	21.73	ng/ul	98
77) Fluoranthene	19.46	202	105069	21.91	ng/ul#	93
80) Pyrene	19.82	202	107426	21.46	ng/ul#	95
81) Butylbenzylphthalate	20.69	149	46336	21.91	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	38564	22.13	ng/ul#	94
83) Benzo(a)anthracene	21.66	228	111481	21.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	67928	21.96	ng/ul	99
85) Chrysene	21.72	228	105149	21.89	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	114908	21.20	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	112522m	21.94	ng/ul	
89) Benzo(k)fluoranthene	23.93	252	108930	21.63	ng/ul	98
91) Benzo(a)pyrene	24.74	252	106836	21.46	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.56	276	121196	21.42	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.61	278	101711	21.13	ng/ul	96
94) Benzo(g,h,i)perylene	29.69	276	101224	21.76	ng/ul	97

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

