

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021928.D
 Acq On : 18 May 2016 9:37
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:12:12 PM

Quant Time: May 18 14:21:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	26848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	141320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	87736	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	195356	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	163958	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	143103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4566	8.21	ng/uL	0.00
5) Phenol-d5	7.32	99	46887	23.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	26129	26.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	38359	24.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	41241	24.65	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	20767	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	22791	38.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	41002	24.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	54822	30.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	137950	22.39	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	175752	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	20014	18.95	ng/ul	0.01
58) Fluorene-d10	15.78	176	124581	19.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	18786	34.71	ng/ul	0.00
71) Anthracene-d10	17.53	188	195356	20.54	ng/ul	-0.10
77) Pyrene-d10	19.91	212	183456	23.90	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	135483	19.93	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.57	88	7893	7.66 ng/uL#	77
4) Benzaldehyde	7.39	77	405	1.87 ng/ul	88
6) Phenol	7.34	94	47554	22.44 ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.57	93	37350	21.65 ng/ul#	80
10) 2-Chlorophenol	7.73	128	39525	25.35 ng/ul#	86
11) 2-Methylphenol	8.61	108	38487	23.10 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.70	45	46388	30.64 ng/ul#	93
14) Acetophenone	8.99	105	62202	22.56 ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.97	70	34326	27.56 ng/ul#	83
16) 4-Methylphenol	8.93	108	43282	23.52 ng/ul	82
17) Hexachloroethane	9.25	117	15949	23.10 ng/ul	87
20) Nitrobenzene	9.38	77	44399	24.72 ng/ul#	80
21) Isophorone	9.89	82	101581	24.35 ng/ul#	91
23) 2-Nitrophenol	10.09	139	23770	33.58 ng/ul#	68
24) 2,4-Dimethylphenol	10.14	107	46462	26.22 ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.38	93	56308	22.48 ng/ul	94
27) 2,4-Dichlorophenol	10.62	162	39071	23.11 ng/ul	94
28) Naphthalene	11.03	128	143178	20.20 ng/ul	98
30) 4-Chloroaniline	11.15	127	56375	31.15 ng/ul	100
31) Hexachlorobutadiene	11.31	225	21013	18.41 ng/ul	91
33) 4-Chloro-3-methylphenol	12.25	107	47837	27.99 ng/ul#	76
34) 2-Methylnaphthalene	12.63	142	104087	19.95 ng/ul	97
35) 1-Methylnaphthalene	12.84	142	105566	20.40 ng/ul#	99

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37) 1,2,4,5-Tetrachlorobenzene	12.99	216	44377	18.24	ng/ul	95
38) Hexachlorocyclopentadiene	12.97	237	22966	18.57	ng/ul	93
39) 2,4,6-Trichlorophenol	13.23	196	32584	28.05	ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	32581	20.03	ng/ul	92
41) 1,1'-Biphenyl	13.63	154	136566	19.98	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	105212	20.30	ng/ul	97
45) Dimethylphthalate	14.23	163	139834	22.28	ng/ul	98
46) 2,6-Dinitrotoluene	14.36	165	31566	25.48	ng/ul#	70
48) Acenaphthylene	14.51	152	185948	20.71	ng/ul	99
49) 3-Nitroaniline	14.69	138	28302	20.15	ng/ul#	68
50) Acenaphthene	14.85	153	128895	20.70	ng/ul	98
51) 2,4-Dinitrophenol	14.91	184	7663	27.28	ng/ul#	66
54) Dibenzofuran	15.18	168	160641	19.23	ng/ul	92
55) 2,4-Dinitrotoluene	15.15	165	41778	24.36	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	15.41	232	30281	26.36	ng/ul	92
57) Diethylphthalate	15.59	149	153047	25.00	ng/ul	98
59) Fluorene	15.83	166	139921	19.37	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.82	204	61719	18.94	ng/ul	96
61) 4-Nitroaniline	15.86	138	31294	19.50	ng/ul#	59
64) 4,6-Dinitro-2-methylphenol	15.91	198	19450	32.98	ng/ul#	88
65) N-Nitrosodiphenylamine	16.03	169	119118	20.88	ng/ul	88
67) Hexachlorobenzene	16.84	284	40912	17.36	ng/ul	92
68) Atrazine	16.97	200	43494	26.54	ng/ul	95
69) Pentachlorophenol	17.18	266	18735	20.80	ng/ul	100
70) Phenanthrene	17.57	178	217852	20.40	ng/ul	95
72) Anthracene	17.67	178	219823	20.26	ng/ul	99
73) Carbazole	17.94	167	191973	20.41	ng/ul	97
74) Di-n-butylphthalate	18.47	149	268579	31.42	ng/ul#	97
75) Fluoranthene	19.58	202	233313	19.23	ng/ul#	91
78) Pyrene	19.58	202	233313	24.60	ng/ul	97
79) Butylbenzylphthalate	20.81	149	114194	54.46	ng/ul	86
80) 3,3'-Dichlorobenzidine	21.70	252	68080	25.13	ng/ul	94
81) Benzo(a)anthracene	21.79	228	187498	20.55	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.67	149	159530	46.60	ng/ul#	99
83) Chrysene	21.86	228	183092	20.29	ng/ul	98
85) Di-n-octyl phthalate	22.93	149	265367	44.98	ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	172056	21.01	ng/ul#	95
87) Benzo(k)fluoranthene	24.15	252	164910	18.81	ng/ul#	95
89) Benzo(a)pyrene	24.99	252	167836	20.58	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.97	276	194121m	20.09	ng/ul	
91) Dibenzo(a,h)anthracene	29.02	278	158222	19.67	ng/ul#	95
92) Benzo(g,h,i)perylene	30.16	276	162088	20.32	ng/ul#	91

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

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