

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020624.D
 Acq On : 31 Dec 2015 1:03
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02007

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:36:05 PM

Quant Time: Dec 31 03:43:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	90952	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	64111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	167556	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	204377	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	193922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3042	8.82	ng/uL	0.00
5) Phenol-d5	7.22	99	36874	21.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	22633	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	29393	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	32165	21.48	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	15545	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	17735	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	34102	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	41934	22.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	112542	21.45	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	132565	22.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	16991	20.65	ng/ul	0.00
58) Fluorene-d10	15.69	176	102509	21.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	19935	19.62	ng/ul	0.00
71) Anthracene-d10	17.54	188	165976	21.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	197553	21.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	209348	21.64	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.46	88	4096	9.40	ng/uL	89
4) Benzaldehyde	7.20	77	24703	23.09	ng/ul	91
6) Phenol	7.24	94	39551	21.04	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	29147	21.74	ng/ul	95
10) 2-Chlorophenol	7.62	128	30398	21.79	ng/ul	98
11) 2-Methylphenol	8.50	108	29982	20.69	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.59	45	38724	22.09	ng/ul	99
14) Acetophenone	8.88	105	51632	21.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.87	70	26308	21.23	ng/ul	97
16) 4-Methylphenol	8.84	108	33724	21.04	ng/ul	94
17) Hexachloroethane	9.15	117	12375	21.11	ng/ul	92
20) Nitrobenzene	9.27	77	38930	22.19	ng/ul	96
21) Isophorone	9.79	82	73667	21.57	ng/ul	97
23) 2-Nitrophenol	9.98	139	18956	22.02	ng/ul	95
24) 2,4-Dimethylphenol	10.04	107	40816	22.52	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	41650	22.07	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	34858	21.79	ng/ul	98
28) Naphthalene	10.93	128	103969	21.59	ng/ul	99
30) 4-Chloroaniline	11.03	127	42441	22.45	ng/ul	95
31) Hexachlorobutadiene	11.20	225	28179	21.84	ng/ul	97
32) Caprolactam	11.80	113	11535m	21.04	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	37204	21.48	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	79372	22.02	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	74203	21.33	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	55097	22.32	ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	14126	15.90	ng/ul	95
39) 2,4,6-Trichlorophenol	13.13	196	31283	22.62	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	33775	22.25	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	106736	22.13	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	86772	22.35	ng/ul	98
43) 2-Nitroaniline	13.78	65	25507	22.90	ng/ul	96
45) Dimethylphthalate	14.14	163	115522	21.55	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	23495	21.12	ng/ul	97
48) Acenaphthylene	14.42	152	140837	22.19	ng/ul	99
49) 3-Nitroaniline	14.61	138	22808	22.55	ng/ul	97
50) Acenaphthene	14.76	153	94003	21.89	ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	7887	16.82	ng/ul	95
53) 4-Nitrophenol	14.92	109	15210	20.94	ng/ul	87
54) Dibenzofuran	15.09	168	139609	21.51	ng/ul	100
55) 2,4-Dinitrotoluene	15.06	165	34955	21.54	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.32	232	30626	21.65	ng/ul#	96
57) Diethylphthalate	15.50	149	118441	21.44	ng/ul	99
59) Fluorene	15.74	166	112930	21.63	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	65314	21.65	ng/ul	100
61) 4-Nitroaniline	15.77	138	24646	22.28	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	22027	20.26	ng/ul	98
65) N-Nitrosodiphenylamine	15.95	169	99689	21.60	ng/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	43401	21.32	ng/ul	98
67) Hexachlorobenzene	16.74	284	47018	21.04	ng/ul	94
68) Atrazine	16.89	200	44019	21.59	ng/ul	98
69) Pentachlorophenol	17.10	266	17125	19.02	ng/ul	97
70) Phenanthrene	17.49	178	196112	21.53	ng/ul	99
72) Anthracene	17.57	178	200745	21.55	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	59606	22.40	ng/uL	99
74) Pentachlorobenzene	15.02	250	56182	22.10	ng/uL	97
75) Carbazole	17.84	167	172946	22.00	ng/ul	98
76) Di-n-butylphthalate	18.39	149	202954	22.00	ng/ul	99
77) Fluoranthene	19.49	202	247441	22.23	ng/ul	99
80) Pvrene	19.85	202	254340	21.49	ng/ul	98
81) Butylbenzylphthalate	20.73	149	90598	21.74	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.61	252	87034	22.36	ng/ul	98
83) Benzo(a)anthracene	21.70	228	257638	21.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	131103	21.88	ng/ul	98
85) Chrysene	21.76	228	243344	21.62	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	226055	22.20	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	250547	21.76	ng/ul	99
89) Benzo(k)fluoranthene	24.00	252	245872	22.28	ng/ul	99
91) Benzo(a)pyrene	24.82	252	242120	21.88	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	289658	21.95	ng/ul	99
93) Dibenzo(a,h)anthracene	28.74	278	240511	21.85	ng/ul	99
94) Benzo(a,h,i)perylene	29.85	276	235548	21.72	ng/ul	98

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

