

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020598.D
 Acq On : 30 Dec 2015 8:07
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:32:43 PM

Quant Time: Dec 30 13:17:20 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	84813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	61539	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	163208	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	197714	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	186412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	2815	8.84	ng/uL	0.00
5) Phenol-d5	7.22	99	33644	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	21175	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	27247	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	29361	21.25	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	14218	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	16888	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	31705	21.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	39024	22.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	109749	21.79	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	125240	21.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	16783	21.25	ng/ul	0.00
58) Fluorene-d10	15.69	176	98882	21.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	20627	20.84	ng/ul	0.00
71) Anthracene-d10	17.54	188	162707	21.40	ng/ul	0.00
79) Pyrene-d10	19.83	212	190904	21.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	204154	21.95	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	3538	8.80 ng/uL#	79
4) Benzaldehyde	7.20	77	23234	23.54 ng/ul	92
6) Phenol	7.25	94	37688	21.73 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	26469	21.40 ng/ul	99
10) 2-Chlorophenol	7.62	128	28630	22.25 ng/ul	97
11) 2-Methylphenol	8.51	108	27921	20.88 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.59	45	35653	22.04 ng/ul	98
14) Acetophenone	8.89	105	48610	21.47 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.86	70	25240	22.08 ng/ul	98
16) 4-Methylphenol	8.83	108	31202	21.10 ng/ul	97
17) Hexachloroethane	9.15	117	11588	21.43 ng/ul	95
20) Nitrobenzene	9.28	77	35931	21.96 ng/ul	91
21) Isophorone	9.79	82	70470	22.13 ng/ul	96
23) 2-Nitrophenol	9.99	139	17958	22.37 ng/ul	95
24) 2,4-Dimethylphenol	10.04	107	37280	22.06 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	39268	22.32 ng/ul	97
27) 2,4-Dichlorophenol	10.53	162	32652	21.88 ng/ul	99
28) Naphthalene	10.93	128	96949	21.59 ng/ul	98
30) 4-Chloroaniline	11.04	127	40001	22.70 ng/ul	91
31) Hexachlorobutadiene	11.20	225	26159	21.74 ng/ul	95
32) Caprolactam	11.80	113	10587m	20.71 ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	35750	22.14 ng/ul	97
34) 2-Methylnaphthalene	12.53	142	74436	22.15 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	70385	21.70	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	51886	21.90	ng/ul	97
38) Hexachlorocyclopentadiene	12.87	237	15492	18.16	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.14	196	28965	21.82	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	31934	21.92	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	102036	22.04	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	81957	21.99	ng/ul	98
43) 2-Nitroaniline	13.78	65	24480	22.89	ng/ul	97
45) Dimethylphthalate	14.15	163	112369	21.84	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	23197	21.72	ng/ul	98
48) Acenaphthylene	14.42	152	134230	22.03	ng/ul	100
49) 3-Nitroaniline	14.61	138	21620	22.27	ng/ul#	99
50) Acenaphthene	14.76	153	89663	21.75	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	8136	18.07	ng/ul	95
53) 4-Nitrophenol	14.92	109	14864	21.32	ng/ul	97
54) Dibenzofuran	15.10	168	134362	21.56	ng/ul	97
55) 2,4-Dinitrotoluene	15.06	165	34985	22.46	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	15.32	232	30069	22.14	ng/ul#	97
57) Diethylphthalate	15.50	149	115039	21.70	ng/ul	98
59) Fluorene	15.74	166	108013	21.55	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	62795	21.68	ng/ul	98
61) 4-Nitroaniline	15.77	138	23561	22.19	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	21849	20.63	ng/ul	100
65) N-Nitrosodiphenylamine	15.94	169	96696	21.51	ng/ul	95
66) 4-Bromophenyl-phenylether	16.63	248	42524	21.44	ng/ul	99
67) Hexachlorobenzene	16.75	284	47154	21.67	ng/ul	97
68) Atrazine	16.89	200	43424	21.87	ng/ul	95
69) Pentachlorophenol	17.10	266	15979	18.22	ng/ul	94
70) Phenanthrene	17.49	178	189463	21.35	ng/ul	99
72) Anthracene	17.58	178	195429	21.53	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	56507	21.80	ng/uL	98
74) Pentachlorobenzene	15.02	250	52879	21.35	ng/uL	99
75) Carbazole	17.85	167	167445	21.86	ng/ul	99
76) Di-n-butylphthalate	18.39	149	194461	21.64	ng/ul	99
77) Fluoranthene	19.49	202	241732	22.30	ng/ul	99
80) Pvrene	19.86	202	245872	21.47	ng/ul	99
81) Butylbenzylphthalate	20.73	149	87164	21.62	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.61	252	83819	22.26	ng/ul	99
83) Benzo(a)anthracene	21.70	228	248744	21.50	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	125549	21.66	ng/ul	99
85) Chrysene	21.77	228	235010	21.58	ng/ul	99
87) Di-n-octyl phthalate	22.80	149	219020	22.37	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	238590	21.55	ng/ul	99
89) Benzo(k)fluoranthene	24.00	252	241348	22.75	ng/ul	99
91) Benzo(a)pyrene	24.82	252	232998	21.91	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	277362	21.86	ng/ul	97
93) Dibenzo(a,h)anthracene	28.75	278	231987	21.93	ng/ul	99
94) Benzo(a,h,i)perylene	29.86	276	225766	21.66	ng/ul	99

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

