

Data Path : Z:\HPCHEM1\BNA G\Data\BG122515\
 Data File : BG020501.D
 Acq On : 25 Dec 2015 12:31
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02026

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:05:43 PM

Quant Time: Dec 26 00:22:38 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 03:27:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	71595	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	52861	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	140073	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	172866	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	167522	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2499	8.18	ng/uL	0.00
5) Phenol-d5	7.24	99	29638	21.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	17393	21.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	22997	22.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	25680	22.57	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	12054	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	14499	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	28233	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	31908	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	94100	21.60	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	109329	21.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14461	19.91	ng/ul	0.00
58) Fluorene-d10	15.70	176	84549	21.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	17641	19.00	ng/ul	0.00
71) Anthracene-d10	17.56	188	142337	21.69	ng/ul	0.00
79) Pyrene-d10	19.84	212	170117	22.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	184739	21.81	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.48	88	3317	9.46 ng/uL	97
4) Benzaldehyde	7.21	77	19292m	23.54 ng/ul	
6) Phenol	7.26	94	31244	22.18 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	22824	22.23 ng/ul	96
10) 2-Chlorophenol	7.64	128	23925	22.09 ng/ul	98
11) 2-Methylphenol	8.53	108	24028	21.98 ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.61	45	28949	21.76 ng/ul	97
14) Acetophenone	8.90	105	41355	22.68 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.88	70	21468	23.29 ng/ul	96
16) 4-Methylphenol	8.85	108	27341	23.06 ng/ul	95
17) Hexachloroethane	9.16	117	9822	21.48 ng/ul	94
20) Nitrobenzene	9.29	77	30434	21.74 ng/ul	99
21) Isophorone	9.81	82	59346	22.45 ng/ul	99
23) 2-Nitrophenol	10.01	139	14797	21.95 ng/ul	94
24) 2,4-Dimethylphenol	10.06	107	31982	22.34 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.29	93	32907	22.40 ng/ul	97
27) 2,4-Dichlorophenol	10.54	162	28527	22.53 ng/ul	92
28) Naphthalene	10.95	128	83412	21.92 ng/ul	98
30) 4-Chloroaniline	11.05	127	33146m	23.30 ng/ul	
31) Hexachlorobutadiene	11.22	225	22649	21.40 ng/ul	93
32) Caprolactam	11.82	113	9016	22.13 ng/ul#	84
33) 4-Chloro-3-methylphenol	12.17	107	31143	23.47 ng/ul#	86
34) 2-Methylnaphthalene	12.54	142	63060	22.39 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	60758	22.71	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	45071	21.06	ng/ul	96
38) Hexachlorocyclopentadiene	12.88	237	21258	18.22	ng/ul	99
39) 2,4,6-Trichlorophenol	13.15	196	27651	21.76	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	31292m	22.51	ng/ul	
41) 1,1'-Biphenyl	13.54	154	88072	21.59	ng/ul	97
42) 2-Chloronaphthalene	13.59	162	70677	21.47	ng/ul	98
43) 2-Nitroaniline	13.80	65	20763	22.49	ng/ul	88
45) Dimethylphthalate	14.16	163	95656	21.60	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	19748	21.91	ng/ul	98
48) Acenaphthylene	14.44	152	115904	21.84	ng/ul	99
49) 3-Nitroaniline	14.62	138	19276	23.18	ng/ul	89
50) Acenaphthene	14.78	153	77988	21.74	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	9805	17.01	ng/ul	93
53) 4-Nitrophenol	14.93	109	13372	20.35	ng/ul	93
54) Dibenzofuran	15.11	168	117372	21.99	ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	30089	22.34	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.33	232	29335	21.43	ng/ul#	97
57) Diethylphthalate	15.52	149	99215	21.82	ng/ul	99
59) Fluorene	15.76	166	94953	21.96	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.75	204	53992	21.58	ng/ul	97
61) 4-Nitroaniline	15.78	138	20644m	22.10	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.83	198	19074	19.33	ng/ul#	95
65) N-Nitrosodiphenylamine	15.96	169	84872	21.68	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	37051	21.28	ng/ul	97
67) Hexachlorobenzene	16.76	284	40411	20.75	ng/ul	93
68) Atrazine	16.90	200	37196	21.44	ng/ul	99
69) Pentachlorophenol	17.10	266	21001	19.92	ng/ul	98
70) Phenanthrene	17.50	178	166876	21.41	ng/ul	100
72) Anthracene	17.59	178	170796	21.43	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	48877	20.90	ng/uL	94
74) Pentachlorobenzene	15.03	250	46342	21.37	ng/uL	96
75) Carbazole	17.86	167	146067	21.75	ng/ul	99
76) Di-n-butylphthalate	18.40	149	168452	21.04	ng/ul	100
77) Fluoranthene	19.50	202	215024	21.94	ng/ul	98
80) Pvrene	19.86	202	219251	22.43	ng/ul	98
81) Butylbenzylphthalate	20.74	149	75978	21.85	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.62	252	69288	20.47	ng/ul	95
83) Benzo(a)anthracene	21.71	228	223621	22.03	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	110725	21.78	ng/ul	100
85) Chrysene	21.77	228	212109	21.93	ng/ul	100
87) Di-n-octyl phthalate	22.82	149	190520	21.97	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	218350	21.72	ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	209124	21.51	ng/ul	99
91) Benzo(a)pyrene	24.84	252	210851	21.82	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	248605	21.48	ng/ul	96
93) Dibenzo(a,h)anthracene	28.77	278	206537	21.50	ng/ul#	97
94) Benzo(a,h,i)perylene	29.88	276	200812	21.12	ng/ul	99

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

