

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020486.D
 Acq On : 24 Dec 2015 23:46
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:34 PM

Quant Time: Dec 25 03:06:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	67568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	49572	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	130580	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164487	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	161897	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2708	9.50	ng/uL	0.00
5) Phenol-d5	7.24	99	27767	22.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16330	21.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	22063	22.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	24182	22.79	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11758	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13869	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	26156	22.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	30903	23.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	88441	21.65	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	102208	21.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13860	20.35	ng/ul	0.00
58) Fluorene-d10	15.70	176	80391	21.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	15515	17.93	ng/ul	0.00
71) Anthracene-d10	17.55	188	133020	21.75	ng/ul	0.00
79) Pyrene-d10	19.84	212	157963	22.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	177825	21.73	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.48	88	2944	9.01 ng/uL#	95
4) Benzaldehyde	7.21	77	17701	23.15 ng/ul	97
6) Phenol	7.27	94	29750	22.65 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	21240	22.18 ng/ul	92
10) 2-Chlorophenol	7.64	128	23367	23.13 ng/ul	93
11) 2-Methylphenol	8.53	108	22717	22.28 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.61	45	27779	22.39 ng/ul	95
14) Acetophenone	8.90	105	38113	22.41 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	20021	23.29 ng/ul	99
16) 4-Methylphenol	8.85	108	25695	23.23 ng/ul	99
17) Hexachloroethane	9.16	117	9937	23.30 ng/ul	90
20) Nitrobenzene	9.29	77	28421	21.52 ng/ul	95
21) Isophorone	9.81	82	55969	22.44 ng/ul	98
23) 2-Nitrophenol	10.00	139	14192	22.31 ng/ul	97
24) 2,4-Dimethylphenol	10.06	107	30649	22.68 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	30067	21.69 ng/ul	99
27) 2,4-Dichlorophenol	10.54	162	27563	23.06 ng/ul	97
28) Naphthalene	10.94	128	79396	22.10 ng/ul	99
30) 4-Chloroaniline	11.05	127	30834	22.97 ng/ul	98
31) Hexachlorobutadiene	11.23	225	21846	21.88 ng/ul	94
32) Caprolactam	11.82	113	8667	22.54 ng/ul	93
33) 4-Chloro-3-methylphenol	12.18	107	29411	23.48 ng/ul	90
34) 2-Methylnaphthalene	12.55	142	58772	22.11 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	56234	22.27	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	43481	21.67	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	20509	18.74	ng/ul	98
39) 2,4,6-Trichlorophenol	13.15	196	26547	22.28	ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	30049	23.05	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	82174	21.48	ng/ul#	96
42) 2-Chloronaphthalene	13.59	162	65756	21.30	ng/ul	98
43) 2-Nitroaniline	13.80	65	18990	21.94	ng/ul#	85
45) Dimethylphthalate	14.16	163	90705	21.84	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	18800	22.25	ng/ul	99
48) Acenaphthylene	14.44	152	108863	21.88	ng/ul	100
49) 3-Nitroaniline	14.62	138	17664	22.65	ng/ul	92
50) Acenaphthene	14.77	153	72350	21.51	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	7812	14.45	ng/ul#	87
53) 4-Nitrophenol	14.93	109	12714	20.63	ng/ul	94
54) Dibenzofuran	15.11	168	109790	21.94	ng/ul	98
55) 2,4-Dinitrotoluene	15.07	165	27861	22.06	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.34	232	28882	22.50	ng/ul#	93
57) Diethylphthalate	15.52	149	92276	21.64	ng/ul	98
59) Fluorene	15.76	166	87816	21.65	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.74	204	50978	21.72	ng/ul	98
61) 4-Nitroaniline	15.78	138	19795m	22.59	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.84	198	16317	17.74	ng/ul	93
65) N-Nitrosodiphenylamine	15.96	169	80204	21.97	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	35111	21.63	ng/ul	100
67) Hexachlorobenzene	16.76	284	38586	21.25	ng/ul#	87
68) Atrazine	16.91	200	35095	21.70	ng/ul	98
69) Pentachlorophenol	17.11	266	19858	20.21	ng/ul	95
70) Phenanthrene	17.50	178	155944	21.46	ng/ul	99
72) Anthracene	17.59	178	162678	21.90	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	46298	21.24	ng/uL	98
74) Pentachlorobenzene	15.03	250	43990	21.76	ng/uL	92
75) Carbazole	17.86	167	139805	22.33	ng/ul	98
76) Di-n-butylphthalate	18.41	149	160523	21.51	ng/ul	99
77) Fluoranthene	19.50	202	204313	22.36	ng/ul	98
80) Pvrene	19.87	202	205416	22.08	ng/ul	98
81) Butylbenzylphthalate	20.74	149	74227	22.44	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.62	252	63959	19.86	ng/ul	96
83) Benzo(a)anthracene	21.71	228	209997	21.74	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	106830	22.08	ng/ul	100
85) Chrysene	21.78	228	202203	21.98	ng/ul	100
87) Di-n-octyl phthalate	22.82	149	185123	22.09	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	209396	21.55	ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	203871	21.70	ng/ul	98
91) Benzo(a)pyrene	24.84	252	201859	21.61	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.72	276	241905	21.62	ng/ul	94
93) Dibenzo(a,h)anthracene	28.78	278	202321	21.79	ng/ul	99
94) Benzo(a,h,i)perylene	29.88	276	197966	21.55	ng/ul	99

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

