

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\  
 Data File : BG020520.D  
 Acq On : 26 Dec 2015 1:42  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD02028

Manual Integrations  
 APPROVED

Sohil  
 12/28/2015 6:06:29 PM

Quant Time: Dec 26 06:12:07 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 26 02:12:58 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	72059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	53122	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	144368m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	187591	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	179995	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2553	8.70	ng/uL	0.00
5) Phenol-d5	7.23	99	30159	23.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	17379	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	23207	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	25180	23.03	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11817	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	13960	21.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	27702	22.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	33061	23.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	94857	21.66	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	109344	21.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14732	20.18	ng/ul	0.00
58) Fluorene-d10	15.70	176	86474	21.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	18463	19.30	ng/ul	0.00
71) Anthracene-d10	17.55	188	144450	21.36	ng/ul	0.00
79) Pyrene-d10	19.83	212	178489	21.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	197306	21.68	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.48	88	3224	9.58	ng/uL	97
4) Benzaldehyde	7.21	77	19290	24.50	ng/ul	96
6) Phenol	7.26	94	31205	23.06	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	22464	22.78	ng/ul	95
10) 2-Chlorophenol	7.64	128	24684	23.72	ng/ul	95
11) 2-Methylphenol	8.52	108	23618	22.49	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.61	45	30083	23.54	ng/ul	96
14) Acetophenone	8.90	105	40602	23.18	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	21400	24.17	ng/ul	97
16) 4-Methylphenol	8.85	108	27283	23.95	ng/ul	98
17) Hexachloroethane	9.16	117	10036	22.84	ng/ul	90
20) Nitrobenzene	9.29	77	30006	21.30	ng/ul	94
21) Isophorone	9.81	82	58395	21.95	ng/ul	98
23) 2-Nitrophenol	10.00	139	14975	22.07	ng/ul	96
24) 2,4-Dimethylphenol	10.06	107	32061	22.25	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.29	93	33138	22.41	ng/ul	99
27) 2,4-Dichlorophenol	10.54	162	28611	22.45	ng/ul	95
28) Naphthalene	10.94	128	83220	21.73	ng/ul	98
30) 4-Chloroaniline	11.05	127	32804	22.92	ng/ul	95
31) Hexachlorobutadiene	11.22	225	22453	21.08	ng/ul#	91
32) Caprolactam	11.81	113	9360	22.82	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.17	107	31793	23.80	ng/ul	89
34) 2-Methylnaphthalene	12.54	142	62502	22.05	ng/ul	93

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35) 1-Methylnaphthalene	12.76	142	60016	22.29	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	44725	20.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	21191	18.07	ng/ul	96
39) 2,4,6-Trichlorophenol	13.15	196	27773	21.75	ng/ul	99
40) 2,4,5-Trichlorophenol	13.22	196	29902	21.41	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	88159	21.50	ng/ul	95
42) 2-Chloronaphthalene	13.59	162	70430	21.29	ng/ul	98
43) 2-Nitroaniline	13.79	65	20978	22.61	ng/ul	91
45) Dimethylphthalate	14.15	163	95823	21.53	ng/ul	98
46) 2,6-Dinitrotoluene	14.28	165	20446	22.58	ng/ul	94
48) Acenaphthylene	14.44	152	116242	21.80	ng/ul	98
49) 3-Nitroaniline	14.62	138	19572m	23.42	ng/ul	
50) Acenaphthene	14.78	153	77655	21.54	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	10734	18.53	ng/ul	92
53) 4-Nitrophenol	14.92	109	13760	20.84	ng/ul	95
54) Dibenzofuran	15.11	168	118049	22.01	ng/ul	100
55) 2,4-Dinitrotoluene	15.07	165	30746	22.72	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.33	232	30234	21.98	ng/ul#	96
57) Diethylphthalate	15.52	149	101532	22.22	ng/ul	98
59) Fluorene	15.75	166	93986	21.62	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.74	204	54364	21.62	ng/ul	97
61) 4-Nitroaniline	15.77	138	21652	23.06	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	20579	20.24	ng/ul	97
65) N-Nitrosodiphenylamine	15.96	169	87613	21.71	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	37516	20.90	ng/ul	97
67) Hexachlorobenzene	16.76	284	41374	20.61	ng/ul	92
68) Atrazine	16.90	200	39618	22.16	ng/ul	97
69) Pentachlorophenol	17.10	266	21005	19.34	ng/ul	95
70) Phenanthrene	17.50	178	172976m	21.53	ng/ul	
72) Anthracene	17.58	178	176052	21.43	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	49409	20.50	ng/uL	96
74) Pentachlorobenzene	15.03	250	46165	20.65	ng/uL	98
75) Carbazole	17.86	167	153883	22.23	ng/ul	98
76) Di-n-butylphthalate	18.40	149	178701	21.66	ng/ul	99
77) Fluoranthene	19.50	202	224975	22.27	ng/ul	99
80) Pyrene	19.86	202	231892	21.86	ng/ul	98
81) Butylbenzylphthalate	20.74	149	82717	21.93	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.62	252	77161	21.01	ng/ul	98
83) Benzo(a)anthracene	21.71	228	240761	21.85	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	119991	21.75	ng/ul	99
85) Chrysene	21.77	228	227024	21.63	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	207025	22.22	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	239144	22.13	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	225295	21.57	ng/ul	98
91) Benzo(a)pyrene	24.83	252	226432	21.81	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	267022	21.47	ng/ul	96
93) Dibenzo(a,h)anthracene	28.77	278	221346	21.45	ng/ul	98
94) Benzo(a,h,i)perylene	29.88	276	219372	21.47	ng/ul	98

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