

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\  
 Data File : BG020302.D  
 Acq On : 19 Dec 2015 8:45  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 SSTD02007

Manual Integrations  
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 12/22/2015 2:14:02 PM

Quant Time: Dec 20 04:45:57 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 19 04:52:13 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	79737	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	58406	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	149443	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	198688	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	189545	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2845	8.33	ng/uL	0.00
5) Phenol-d5	7.24	99	32210	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19696	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26708	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	27782	19.53	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	13833	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	15395	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	30383	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	36210	23.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	98899	20.93	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	114704	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	17356	20.48	ng/ul	0.00
58) Fluorene-d10	15.71	176	89974	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	18479	20.86	ng/ul	0.00
71) Anthracene-d10	17.57	188	148873	21.62	ng/ul	0.00
79) Pyrene-d10	19.85	212	179077	19.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	204572	21.64	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.50	88	3672	7.28	ng/uL	94
4) Benzaldehyde	7.23	77	22682	21.07	ng/ul	96
6) Phenol	7.27	94	34030	19.11	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.50	93	25311	20.71	ng/ul	97
10) 2-Chlorophenol	7.65	128	26967	21.29	ng/ul	100
11) 2-Methylphenol	8.53	108	26545	19.54	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	33283	18.91	ng/ul	97
14) Acetophenone	8.91	105	45088	20.25	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	22939	19.46	ng/ul#	97
16) 4-Methylphenol	8.85	108	29318	19.50	ng/ul	100
17) Hexachloroethane	9.18	117	11482	21.57	ng/ul	97
20) Nitrobenzene	9.30	77	34036	20.66	ng/ul	98
21) Isophorone	9.82	82	64277	20.44	ng/ul	98
23) 2-Nitrophenol	10.01	139	16822	22.68	ng/ul	97
24) 2,4-Dimethylphenol	10.06	107	35693	21.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.30	93	35849	21.04	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	31788	22.09	ng/ul	91
28) Naphthalene	10.96	128	90416	21.71	ng/ul	99
30) 4-Chloroaniline	11.06	127	36311	22.60	ng/ul	100
31) Hexachlorobutadiene	11.24	225	24611	22.94	ng/ul	95
32) Caprolactam	11.82	113	10080m	19.85	ng/ul	
33) 4-Chloro-3-methylphenol	12.18	107	34291	20.05	ng/ul	89
34) 2-Methylnaphthalene	12.56	142	67872	21.34	ng/ul	99

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35) 1-Methylnaphthalene	12.77	142	65025	21.27	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	48320	22.04	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	21395	15.79	ng/ul	90
39) 2,4,6-Trichlorophenol	13.15	196	29655	21.09	ng/ul	94
40) 2,4,5-Trichlorophenol	13.23	196	32550	20.83	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	93455	21.21	ng/ul	95
42) 2-Chloronaphthalene	13.60	162	75690	21.46	ng/ul	99
43) 2-Nitroaniline	13.80	65	23167	19.32	ng/ul	92
45) Dimethylphthalate	14.17	163	103171	21.38	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	21163	21.20	ng/ul	93
48) Acenaphthylene	14.45	152	123499	21.15	ng/ul	99
49) 3-Nitroaniline	14.62	138	20735	21.40	ng/ul	96
50) Acenaphthene	14.79	153	82580	21.02	ng/ul	100
51) 2,4-Dinitrophenol	14.83	184	10864	19.12	ng/ul	92
53) 4-Nitrophenol	14.92	109	16049	19.69	ng/ul	93
54) Dibenzofuran	15.12	168	123013	21.05	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	31550	21.54	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.34	232	31670	21.08	ng/ul#	97
57) Diethylphthalate	15.53	149	105005	20.97	ng/ul	99
59) Fluorene	15.77	166	99304	21.16	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	56814	21.47	ng/ul	93
61) 4-Nitroaniline	15.78	138	22767	21.73	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	19472	20.47	ng/ul#	100
65) N-Nitrosodiphenylamine	15.97	169	87956	21.17	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	40076	22.85	ng/ul	97
67) Hexachlorobenzene	16.77	284	42802	22.72	ng/ul	97
68) Atrazine	16.92	200	39546	22.31	ng/ul	95
69) Pentachlorophenol	17.12	266	21990	19.36	ng/ul	98
70) Phenanthrene	17.51	178	175049	21.41	ng/ul	99
72) Anthracene	17.60	178	177319	21.39	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	52419	22.39	ng/uL	97
74) Pentachlorobenzene	15.04	250	48170	22.18	ng/uL	98
75) Carbazole	17.87	167	156097	22.41	ng/ul	99
76) Di-n-butylphthalate	18.42	149	181971	22.48	ng/ul	99
77) Fluoranthene	19.51	202	230083	24.08	ng/ul	99
80) Pyrene	19.88	202	232328	19.32	ng/ul	99
81) Butylbenzylphthalate	20.75	149	86157	20.62	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	81807	22.54	ng/ul	96
83) Benzo(a)anthracene	21.72	228	248320	21.42	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	124021	20.76	ng/ul	98
85) Chrysene	21.79	228	233718	21.41	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	211305	20.29	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	238641	20.92	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	232813	21.27	ng/ul	98
91) Benzo(a)pyrene	24.86	252	231279	21.39	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	256729	19.93	ng/ul	96
93) Dibenzo(a,h)anthracene	28.82	278	221763m	20.74	ng/ul	
94) Benzo(a,h,i)perylene	29.92	276	207126	19.62	ng/ul	96

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