

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011616\  
 Data File : BM004054.D  
 Acq On : 15 Jan 2016 19:00  
 Operator : SJ/UM  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 SSTD02062

Manual Integrations  
 APPROVED

Sohil  
 1/16/2016 5:01:21 AM

Quant Time: Jan 16 02:58:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jan 16 00:22:06 2016  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	180194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	104101	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	225274	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	179353	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	166336	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	6010	7.03	ng/uL	0.00
5) Phenol-d5	6.85	99	68638	21.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	37614	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57502	22.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	58221	22.62	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	29227	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	31778	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	57449	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	64707	18.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	172079	21.06	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	215744	21.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28659	19.52	ng/ul	0.00
58) Fluorene-d10	15.32	176	150362	21.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	20442	16.09	ng/ul	0.00
71) Anthracene-d10	17.17	188	224035	21.50	ng/ul	0.00
79) Pyrene-d10	19.47	212	212175	22.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	180609	21.74	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	6884	6.94	ng/uL	98
4) Benzaldehyde	6.81	77	45886	24.64	ng/ul	97
6) Phenol	6.87	94	73850	22.04	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	54354	21.55	ng/ul	97
10) 2-Chlorophenol	7.23	128	60392	22.13	ng/ul	98
11) 2-Methylphenol	8.12	108	57751	22.54	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	60651	21.89	ng/ul	96
14) Acetophenone	8.49	105	94189	23.50	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	46444	23.09	ng/ul	97
16) 4-Methylphenol	8.45	108	64177	23.11	ng/ul	96
17) Hexachloroethane	8.73	117	21679	20.58	ng/ul	97
20) Nitrobenzene	8.86	77	68868	21.52	ng/ul	98
21) Isophorone	9.39	82	127959	21.54	ng/ul	99
23) 2-Nitrophenol	9.57	139	35371	21.43	ng/ul	98
24) 2,4-Dimethylphenol	9.64	107	72024	21.76	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	77191	21.02	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	60154	22.06	ng/ul	99
28) Naphthalene	10.50	128	204687	21.80	ng/ul	100
30) 4-Chloroaniline	10.62	127	69317	19.62	ng/ul	99
31) Hexachlorobutadiene	10.79	225	35941	21.41	ng/ul	98
32) Caprolactam	11.37	113	18583	21.31	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	67812	22.24	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	148990	22.44	ng/ul	99

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35) 1-Methylnaphthalene	12.35	142	141023	22.38	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	72595	21.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	11856	6.80	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	46260	21.56	ng/ul	100
40) 2,4,5-Trichlorophenol	12.82	196	50274m	21.61	ng/ul	
41) 1,1'-Biphenyl	13.15	154	189215	21.57	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	145585	22.14	ng/ul	99
43) 2-Nitroaniline	13.40	65	41061	22.44	ng/ul	96
45) Dimethylphthalate	13.78	163	178750	21.45	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	37637	22.92	ng/ul	96
48) Acenaphthylene	14.04	152	238721	21.88	ng/ul	99
49) 3-Nitroaniline	14.23	138	38353	21.55	ng/ul	94
50) Acenaphthene	14.39	153	158924	22.03	ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	11214	14.07	ng/ul	98
53) 4-Nitrophenol	14.56	109	23154	19.96	ng/ul	92
54) Dibenzofuran	14.72	168	222440	22.03	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	54983	23.05	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.96	232	40070	21.51	ng/ul	98
57) Diethylphthalate	15.15	149	182390	21.60	ng/ul	100
59) Fluorene	15.37	166	181320	22.63	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	85500	22.13	ng/ul	96
61) 4-Nitroaniline	15.40	138	43989	23.61	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	22476	16.57	ng/ul	98
65) N-Nitrosodiphenylamine	15.59	169	155740	22.01	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	50220	21.49	ng/ul	97
67) Hexachlorobenzene	16.39	284	55422	21.71	ng/ul	98
68) Atrazine	16.54	200	53293	21.73	ng/ul	100
69) Pentachlorophenol	16.73	266	23590	18.98	ng/ul	99
70) Phenanthrene	17.12	178	278324	21.97	ng/ul	100
72) Anthracene	17.20	178	284598	21.90	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	67807	18.76	ng/uL	99
74) Pentachlorobenzene	14.64	250	66176	20.63	ng/uL	99
75) Carbazole	17.48	167	248197	21.72	ng/ul	100
76) Di-n-butylphthalate	18.04	149	312765	22.41	ng/ul	100
77) Fluoranthene	19.14	202	288303	21.90	ng/ul	99
80) Pyrene	19.50	202	291597	23.95	ng/ul	98
81) Butylbenzylphthalate	20.41	149	130678	26.59	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	78594	25.29	ng/ul	100
83) Benzo(a)anthracene	21.26	228	237235	22.21	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	187618	28.84	ng/ul	100
85) Chrysene	21.32	228	220589	21.74	ng/ul	100
87) Di-n-octyl phthalate	22.06	149	302230	27.25	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	215813	21.34	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	213534	22.19	ng/ul	99
91) Benzo(a)pyrene	23.41	252	211612	22.07	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	243225	22.93	ng/ul	98
93) Dibenzo(a,h)anthracene	25.77	278	203334	22.82	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	204323	22.94	ng/ul	99

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

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