

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
 Data File : BM003880.D
 Acq On : 30 Dec 2015 15:18
 Operator : SJ/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Manual Integrations
 APPROVED

Sohil
 12/31/2015 12:00:44 PM

Quant Time: Dec 30 22:54:37 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 14:29:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	44211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	200341	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	119203	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	261769	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	256401	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	210697	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7768	7.86	ng/uL	0.00
5) Phenol-d5	6.85	99	78276	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	45183	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	64339	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	65458	22.01	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	31441	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	34784	21.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	63172	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	88517	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	200949	21.47	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	243497	21.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	35589	21.17	ng/ul	0.00
58) Fluorene-d10	15.32	176	170015	21.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	29480	19.97	ng/ul	0.00
71) Anthracene-d10	17.17	188	258777	21.37	ng/ul	0.00
79) Pyrene-d10	19.48	212	273565	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	224776	21.36	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	9286	8.10	ng/uL 96
4) Benzaldehyde	6.82	77	49272	22.89	ng/ul 99
6) Phenol	6.87	94	83478	21.56	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.10	93	64070	21.99	ng/ul 98
10) 2-Chlorophenol	7.24	128	67261	21.33	ng/ul 98
11) 2-Methylphenol	8.12	108	64212	21.69	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	70284	21.95	ng/ul 97
14) Acetophenone	8.49	105	106419	22.97	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.47	70	53077	22.83	ng/ul 97
16) 4-Methylphenol	8.45	108	71485	22.27	ng/ul 98
17) Hexachloroethane	8.74	117	25886	21.27	ng/ul 97
20) Nitrobenzene	8.87	77	75642	21.26	ng/ul 96
21) Isophorone	9.39	82	144824	21.92	ng/ul 99
23) 2-Nitrophenol	9.58	139	39170	21.34	ng/ul 97
24) 2,4-Dimethylphenol	9.65	107	79801	21.69	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.87	93	88507	21.68	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	66047	21.79	ng/ul 99
28) Naphthalene	10.51	128	224218	21.48	ng/ul 99
30) 4-Chloroaniline	10.63	127	90722	23.09	ng/ul 98
31) Hexachlorobutadiene	10.79	225	39561	21.20	ng/ul 99
32) Caprolactam	11.38	113	21393	22.06	ng/ul 94
33) 4-Chloro-3-methylphenol	11.76	107	75080	22.14	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	162590	22.03	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	154133	22.00	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	79376	20.82	ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	36904	18.47	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	51351	20.90	ng/ul	99
40) 2,4,5-Trichlorophenol	12.83	196	55852m	20.97	ng/ul	
41) 1,1'-Biphenyl	13.15	154	212635	21.17	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	158257	21.02	ng/ul	100
43) 2-Nitroaniline	13.41	65	43968	20.99	ng/ul	97
45) Dimethylphthalate	13.79	163	206526	21.65	ng/ul	100
46) 2,6-Dinitrotoluene	13.91	165	40620	21.60	ng/ul	95
48) Acenaphthylene	14.05	152	268391	21.49	ng/ul	99
49) 3-Nitroaniline	14.24	138	45633	22.39	ng/ul	97
50) Acenaphthene	14.39	153	176313	21.35	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	16479	18.06	ng/ul	95
53) 4-Nitrophenol	14.56	109	28660	21.58	ng/ul	92
54) Dibenzofuran	14.73	168	248701	21.51	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	60350	22.10	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.96	232	45457	21.31	ng/ul	98
57) Diethylphthalate	15.15	149	210250	21.74	ng/ul	99
59) Fluorene	15.38	166	199680	21.77	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	95429	21.57	ng/ul	96
61) 4-Nitroaniline	15.41	138	48045	22.52	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	31986	20.30	ng/ul	100
65) N-Nitrosodiphenylamine	15.59	169	173714	21.13	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	56851	20.94	ng/ul	94
67) Hexachlorobenzene	16.39	284	62623	21.11	ng/ul	98
68) Atrazine	16.54	200	61008	21.41	ng/ul	99
69) Pentachlorophenol	16.73	266	27467	19.02	ng/ul	99
70) Phenanthrene	17.12	178	315497	21.43	ng/ul	99
72) Anthracene	17.21	178	325437	21.55	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	84878	20.21	ng/uL	99
74) Pentachlorobenzene	14.65	250	77317	20.74	ng/uL	99
75) Carbazole	17.48	167	295321	22.24	ng/ul	99
76) Di-n-butylphthalate	18.04	149	348003	21.46	ng/ul	100
77) Fluoranthene	19.14	202	351225	22.96	ng/ul	98
80) Pvrene	19.51	202	363555	20.89	ng/ul	99
81) Butylbenzylphthalate	20.41	149	146068	20.79	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.20	252	98574	22.19	ng/ul	98
83) Benzo(a)anthracene	21.26	228	324167	21.23	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	196025	21.08	ng/ul	99
85) Chrysene	21.32	228	304988	21.02	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	311729	22.19	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	274870	21.46	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	270530	22.20	ng/ul	99
91) Benzo(a)pyrene	23.42	252	260215	21.42	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	271938	20.24	ng/ul	100
93) Dibenzo(a,h)anthracene	25.77	278	228816	20.27	ng/ul	99
94) Benzo(a,h,i)perylene	26.45	276	225065	19.95	ng/ul	99

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

