

Data Path : Z:\HPCHEM1\BNA M\Data\BM021916\
 Data File : BM004282.D
 Acq On : 19 Feb 2016 12:17
 Operator : SJ/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02038

Quant Time: Feb 19 23:29:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 02:45:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24351	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.42	136	119438	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.29	164	77118	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.05	188	184726	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	217769	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	205234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3731	7.72	ng/uL	-0.02
5) Phenol-d5	6.82	99	40984	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	21444	20.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	35642	20.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.36	113	37317	22.40	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	18366	20.00	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.51	143	20889	20.35	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.06	165	38195	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	50858	23.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	134216	20.91	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	157667	20.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	21111	20.33	ng/ul	0.00
58) Fluorene-d10	15.29	176	114187	21.11	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	20571	18.29	ng/ul	0.00
71) Anthracene-d10	17.14	188	183154	20.28	ng/ul	-0.01
79) Pyrene-d10	19.46	212	209778	18.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	217384	19.85	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.12	88	4185	7.40	ng/uL# 92
4) Benzaldehyde	6.77	77	26158	23.20	ng/ul 98
6) Phenol	6.85	94	43989	21.12	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.06	93	33123	20.84	ng/ul 97
10) 2-Chlorophenol	7.20	128	37371	20.73	ng/ul 96
11) 2-Methylphenol	8.09	108	35961	21.91	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	32048	20.67	ng/ul 99
14) Acetophenone	8.46	105	60279	22.70	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.44	70	28791	22.48	ng/ul 98
16) 4-Methylphenol	8.42	108	40375	22.50	ng/ul 99
17) Hexachloroethane	8.70	117	13916	19.38	ng/ul 91
20) Nitrobenzene	8.83	77	40077	19.17	ng/ul 97
21) Isophorone	9.35	82	83498	20.86	ng/ul 98
23) 2-Nitrophenol	9.55	139	23878	20.70	ng/ul 93
24) 2,4-Dimethylphenol	9.62	107	47103	20.34	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.84	93	49558	20.08	ng/ul 99
27) 2,4-Dichlorophenol	10.09	162	39859	20.70	ng/ul 100
28) Naphthalene	10.47	128	132356	19.93	ng/ul 100
30) 4-Chloroaniline	10.59	127	53592	22.92	ng/ul 100
31) Hexachlorobutadiene	10.75	225	24613	18.98	ng/ul 98
32) Caprolactam	11.36	113	14270	25.65	ng/ul 91
33) 4-Chloro-3-methylphenol	11.74	107	47433	22.21	ng/ul 99
34) 2-Methylnaphthalene	12.09	142	100878	21.05	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	95456	21.07	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	51181	18.96	ng/ul	98
38) Hexachlorocyclopentadiene	12.44	237	18363	14.39	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	34209	20.04	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	37456	20.37	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	132922	19.28	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	102325	19.52	ng/ul	99
43) 2-Nitroaniline	13.38	65	26765	20.94	ng/ul	95
45) Dimethylphthalate	13.76	163	140241	20.92	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	29086	21.99	ng/ul	95
48) Acenaphthylene	14.02	152	170198	19.99	ng/ul	100
49) 3-Nitroaniline	14.22	138	29637	23.63	ng/ul	94
50) Acenaphthene	14.36	153	115904	20.09	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	9063	14.19	ng/ul	92
53) 4-Nitrophenol	14.56	109	15951	19.21	ng/ul	92
54) Dibenzofuran	14.70	168	163024	20.45	ng/ul	97
55) 2,4-Dinitrotoluene	14.68	165	43167	22.71	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.93	232	29758	20.01	ng/ul	98
57) Diethylphthalate	15.13	149	146221	21.71	ng/ul	99
59) Fluorene	15.34	166	135600	21.11	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	66618	20.90	ng/ul	95
61) 4-Nitroaniline	15.39	138	30049	21.49	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.45	198	22187	18.11	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	119429	19.16	ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	40184	18.78	ng/ul	94
67) Hexachlorobenzene	16.36	284	44737	18.60	ng/ul	96
68) Atrazine	16.52	200	45706	21.25	ng/ul	99
69) Pentachlorophenol	16.71	266	15642	14.05	ng/ul	99
70) Phenanthrene	17.09	178	224048	20.05	ng/ul	99
72) Anthracene	17.18	178	229217	20.21	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	48404	16.85	ng/uL	99
74) Pentachlorobenzene	14.62	250	49574	17.57	ng/uL	99
75) Carbazole	17.46	167	205939	21.60	ng/ul	99
76) Di-n-butylphthalate	18.02	149	265848	21.53	ng/ul	99
77) Fluoranthene	19.12	202	271202	23.18	ng/ul	99
80) Pvrene	19.49	202	285295	18.12	ng/ul	99
81) Butylbenzylphthalate	20.39	149	128410	20.37	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.18	252	94038	21.40	ng/ul	98
83) Benzo(a)anthracene	21.24	228	281936	20.11	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	191202	20.73	ng/ul	98
85) Chrysene	21.30	228	271660	20.53	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	341895	21.84	ng/ul	97
88) Benzo(b)fluoranthene	22.82	252	273724	20.16	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	267610	20.64	ng/ul	100
91) Benzo(a)pyrene	23.39	252	261441	20.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	257287	17.59	ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	209483	17.06	ng/ul	99
94) Benzo(a,h,i)perylene	26.41	276	211153	17.10	ng/ul	98

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

