

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004213.D
 Acq On : 08 Feb 2016 23:34
 Operator : SJ/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02053

Quant Time: Feb 09 01:41:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 01:37:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	28047	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	137754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	86024	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	201810	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	233010	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	204198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	4114	7.75	ng/uL	0.00
5) Phenol-d5	6.83	99	50688	18.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	25663	17.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	41385	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	43726	18.63	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	21490	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	23815	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	44216	21.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	58872	21.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	141248	19.09	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	176664	20.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	24280	16.39	ng/ul	0.00
58) Fluorene-d10	15.32	176	123860	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	20122	16.18	ng/ul	0.00
71) Anthracene-d10	17.17	188	197126	20.08	ng/ul	0.00
79) Pyrene-d10	19.47	212	223924	21.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	218650	20.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	4758	7.26 ng/uL#	95
4) Benzaldehyde	6.80	77	32404	20.41 ng/ul	97
6) Phenol	6.86	94	54448	18.30 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	37798	17.94 ng/ul	98
10) 2-Chlorophenol	7.22	128	43485	19.41 ng/ul	100
11) 2-Methylphenol	8.11	108	42199	18.42 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	37856	16.48 ng/ul	100
14) Acetophenone	8.48	105	69284	18.51 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	32647	17.75 ng/ul	99
16) 4-Methylphenol	8.43	108	47239	18.22 ng/ul	99
17) Hexachloroethane	8.73	117	16260	19.94 ng/ul	96
20) Nitrobenzene	8.86	77	48778	19.33 ng/ul	100
21) Isophorone	9.37	82	94305	18.49 ng/ul	100
23) 2-Nitrophenol	9.57	139	26878	20.61 ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	54161	19.56 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	55452	18.52 ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	46197	20.60 ng/ul	99
28) Naphthalene	10.49	128	152030	19.60 ng/ul	100
30) 4-Chloroaniline	10.61	127	63091	21.91 ng/ul	100
31) Hexachlorobutadiene	10.77	225	27699	21.25 ng/ul	99
32) Caprolactam	11.36	113	15515	17.64 ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	55010	19.77 ng/ul	100
34) 2-Methylnaphthalene	12.12	142	113953	19.49 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	108042	19.36	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	56988	21.52	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	14406	13.35	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	38108	21.52	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	41836	21.25	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	147533	20.05	ng/ul	100
42) 2-Chloronaphthalene	13.18	162	115055	20.70	ng/ul	100
43) 2-Nitroaniline	13.40	65	31147	19.46	ng/ul	99
45) Dimethylphthalate	13.77	163	147279	18.89	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	31080	20.69	ng/ul	99
48) Acenaphthylene	14.03	152	191712	20.18	ng/ul	100
49) 3-Nitroaniline	14.23	138	34052	20.82	ng/ul	98
50) Acenaphthene	14.38	153	128068	19.86	ng/ul	97
51) 2,4-Dinitrophenol	14.45	184	10865	12.87	ng/ul	99
53) 4-Nitrophenol	14.56	109	20037	16.77	ng/ul	97
54) Dibenzofuran	14.72	168	182771	19.94	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	47406	19.97	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.95	232	34909	20.01	ng/ul	98
57) Diethylphthalate	15.14	149	152419	18.79	ng/ul	100
59) Fluorene	15.37	166	150476	19.74	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.36	204	71350	19.85	ng/ul	97
61) 4-Nitroaniline	15.40	138	37416	18.77	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.47	198	21979	16.12	ng/ul	97
65) N-Nitrosodiphenylamine	15.58	169	127548	20.29	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	42625	20.79	ng/ul	100
67) Hexachlorobenzene	16.38	284	49335	20.68	ng/ul	97
68) Atrazine	16.54	200	46333	19.81	ng/ul	99
69) Pentachlorophenol	16.73	266	23142	18.64	ng/ul	100
70) Phenanthrene	17.11	178	243657	19.78	ng/ul	99
72) Anthracene	17.20	178	247540	19.82	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	54497	22.50	ng/uL	99
74) Pentachlorobenzene	14.64	250	55303	21.66	ng/uL	98
75) Carbazole	17.48	167	228272	20.09	ng/ul	100
76) Di-n-butylphthalate	18.04	149	272617	20.04	ng/ul	99
77) Fluoranthene	19.14	202	290936	20.30	ng/ul	98
80) Pyrene	19.50	202	303463	21.18	ng/ul	99
81) Butylbenzylphthalate	20.41	149	134115	22.03	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	102032	21.30	ng/ul	99
83) Benzo(a)anthracene	21.26	228	302615	20.40	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	194345	21.17	ng/ul	98
85) Chrysene	21.32	228	284135	20.15	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	351942	25.65	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	283405	21.74	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	267579	22.03	ng/ul	100
91) Benzo(a)pyrene	23.41	252	257155	20.42	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	251593	16.74	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	215715	17.21	ng/ul	98
94) Benzo(g,h,i)perylene	26.45	276	200234	15.62	ng/ul	100

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

