

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040716\
 Data File : BM004922.D
 Acq On : 07 Apr 2016 18:46
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02036

Quant Time: Apr 08 01:00:21 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 00:57:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	175300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	115172	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	297168	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	394163	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	395389	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	7531	7.99	ng/uL	0.00
5) Phenol-d5	6.98	99	59720	17.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	34100	18.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	47110	18.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	49303	17.33	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	23086	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	25244	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	49954	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	68523	22.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	173879	19.14	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	206146	18.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	33426	18.61	ng/ul	0.00
58) Fluorene-d10	15.45	176	154342	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	30090	16.90	ng/ul	0.00
71) Anthracene-d10	17.30	188	258201	19.42	ng/ul	0.00
79) Pyrene-d10	19.60	212	315842	18.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	336399	19.20	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.35	88	8880	7.74	ng/uL 91
4) Benzaldehyde	6.96	77	35370	22.39	ng/ul 98
6) Phenol	7.01	94	64086	18.11	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.25	93	49293	18.38	ng/ul 94
10) 2-Chlorophenol	7.39	128	49696	18.35	ng/ul 95
11) 2-Methylphenol	8.26	108	48665	17.43	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.35	45	60959	18.64	ng/ul# 92
14) Acetophenone	8.64	105	79406	18.45	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.62	70	38861	17.84	ng/ul 93
16) 4-Methylphenol	8.58	108	54630	17.56	ng/ul 99
17) Hexachloroethane	8.89	117	19467	18.75	ng/ul 99
20) Nitrobenzene	9.02	77	56730	19.01	ng/ul 96
21) Isophorone	9.53	82	108007	18.18	ng/ul 99
23) 2-Nitrophenol	9.73	139	29160	19.33	ng/ul 98
24) 2,4-Dimethylphenol	9.78	107	60975	19.13	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.02	93	69042	18.65	ng/ul 99
27) 2,4-Dichlorophenol	10.26	162	51586	19.37	ng/ul 100
28) Naphthalene	10.66	128	169966	19.18	ng/ul 99
30) 4-Chloroaniline	10.77	127	71569	22.04	ng/ul 99
31) Hexachlorobutadiene	10.95	225	31821	19.65	ng/ul 97
32) Caprolactam	11.53	113	10360	10.28	ng/ul 82
33) 4-Chloro-3-methylphenol	11.89	107	60034	19.66	ng/ul 99
34) 2-Methylnaphthalene	12.27	142	128174	19.41	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	124534	19.45	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	66726	18.72	ng/ul	98
38) Hexachlorocyclopentadiene	12.62	237	34251	16.16	ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	42593	18.10	ng/ul	97
40) 2,4,5-Trichlorophenol	12.95	196	46814	18.10	ng/ul	98
41) 1,1'-Biphenyl	13.29	154	174174	18.63	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	131763	18.71	ng/ul	98
43) 2-Nitroaniline	13.54	65	37514	18.49	ng/ul	93
45) Dimethylphthalate	13.91	163	177276	19.15	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	34246	19.02	ng/ul	94
48) Acenaphthylene	14.18	152	221974	19.18	ng/ul	99
49) 3-Nitroaniline	14.36	138	38511	20.92	ng/ul	96
50) Acenaphthene	14.52	153	146614	18.92	ng/ul	98
51) 2,4-Dinitrophenol	14.57	184	17004	14.23	ng/ul	95
53) 4-Nitrophenol	14.67	109	28553	19.40	ng/ul	95
54) Dibenzofuran	14.86	168	218762	19.45	ng/ul	94
55) 2,4-Dinitrotoluene	14.82	165	54420	20.08	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.08	232	44511	19.36	ng/ul	96
57) Diethylphthalate	15.27	149	180432	19.25	ng/ul	100
59) Fluorene	15.50	166	176819	19.73	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	85982	19.71	ng/ul	94
61) 4-Nitroaniline	15.53	138	43283	20.05	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	33341	17.47	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	156750	18.19	ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	54229	18.30	ng/ul	95
67) Hexachlorobenzene	16.51	284	63293	18.76	ng/ul	94
68) Atrazine	16.66	200	59985	18.98	ng/ul	98
69) Pentachlorophenol	16.85	266	37202	17.73	ng/ul	99
70) Phenanthrene	17.24	178	314236	19.18	ng/ul	99
72) Anthracene	17.33	178	319384	19.44	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	66782	17.29	ng/uL	99
74) Pentachlorobenzene	14.77	250	68911	17.86	ng/uL	99
75) Carbazole	17.60	167	296233	20.21	ng/ul	99
76) Di-n-butylphthalate	18.16	149	320443	18.41	ng/ul	100
77) Fluoranthene	19.26	202	390694	21.46	ng/ul	100
80) Pvrene	19.63	202	416403	18.46	ng/ul	99
81) Butylbenzylphthalate	20.52	149	164034	17.14	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.31	252	146605	19.09	ng/ul	98
83) Benzo(a)anthracene	21.37	228	425448	18.82	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	238527	17.45	ng/ul#	98
85) Chrysene	21.43	228	407083	18.98	ng/ul	99
87) Di-n-octyl phthalate	22.19	149	442966	18.93	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	455994	20.12	ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	420102	19.33	ng/ul	99
91) Benzo(a)pyrene	23.59	252	423139	19.26	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.00	276	440401	16.80	ng/ul	96
93) Dibenzo(a,h)anthracene	26.01	278	374216	17.18	ng/ul	98
94) Benzo(a,h,i)perylene	26.72	276	356314	15.83	ng/ul	98

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

