

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004814.D
 Acq On : 29 Mar 2016 10:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

Quant Time: Mar 30 02:29:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	47721	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.62	136	234704	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.46	164	147950	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.20	188	352464	20.00	ng/ul	-0.02
78) Chrysene-d12	21.39	240	450738	20.00	ng/ul	-0.01
86) Perylene-d12	23.69	264	457845	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	9950	7.19	ng/uL	-0.02
5) Phenol-d5	6.99	99	83610	21.32	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	48514	21.83	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	64840	20.54	ng/ul	-0.02
13) 4-Methylphenol-d8	8.52	113	69918	22.12	ng/ul	-0.02
19) Nitrobenzene-d5	8.98	128	31784	19.47	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	33995	19.28	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.23	165	68494	19.81	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.75	131	96943	23.42	ng/ul	-0.02
44) Dimethylphthalate-d6	13.87	166	226836	19.61	ng/ul	-0.02
47) Acenaphthylene-d8	14.15	160	280573	19.79	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	42890	19.18	ng/ul	-0.01
58) Fluorene-d10	15.46	176	202472	20.08	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	34614	18.69	ng/ul	-0.01
71) Anthracene-d10	17.30	188	322942	19.90	ng/ul	-0.01
79) Pyrene-d10	19.60	212	379808	18.46	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.54	264	400820	19.60	ng/ul	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	12069	7.48	ng/uL	93
4) Benzaldehyde	6.97	77	49436	22.74	ng/ul	100
6) Phenol	7.01	94	90972	22.05	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	69803	21.74	ng/ul	95
10) 2-Chlorophenol	7.39	128	69068	20.73	ng/ul	94
11) 2-Methylphenol	8.26	108	69175	21.82	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.36	45	86407	22.49	ng/ul#	92
14) Acetophenone	8.65	105	114659	23.25	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	56764	22.65	ng/ul	96
16) 4-Methylphenol	8.59	108	79758	22.84	ng/ul	96
17) Hexachloroethane	8.90	117	25958	19.61	ng/ul	99
20) Nitrobenzene	9.02	77	79983	19.86	ng/ul	94
21) Isophorone	9.54	82	158771	20.58	ng/ul	98
23) 2-Nitrophenol	9.73	139	38485	19.70	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	86193	20.15	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.03	93	100554	20.20	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	71745	20.14	ng/ul	98
28) Naphthalene	10.67	128	241763	19.76	ng/ul	99
30) 4-Chloroaniline	10.77	127	103415	23.78	ng/ul	98
31) Hexachlorobutadiene	10.95	225	41215	19.39	ng/ul	97
32) Caprolactam	11.52	113	25264	21.17	ng/ul	85
33) 4-Chloro-3-methylphenol	11.89	107	83160	20.63	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	181680	20.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	175649	20.97	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	89086	18.85	ng/ul	98
38) Hexachlorocyclopentadiene	12.63	237	41788	16.32	ng/ul	99
39) 2,4,6-Trichlorophenol	12.89	196	58079	18.61	ng/ul	100
40) 2,4,5-Trichlorophenol	12.96	196	64300	19.09	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	239651	19.40	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	179107	19.28	ng/ul	98
43) 2-Nitroaniline	13.54	65	49485	19.78	ng/ul	93
45) Dimethylphthalate	13.92	163	232656	19.82	ng/ul	100
46) 2,6-Dinitrotoluene	14.04	165	43980	21.04	ng/ul	93
48) Acenaphthylene	14.18	152	304698	20.00	ng/ul	99
49) 3-Nitroaniline	14.37	138	49853	22.08	ng/ul	94
50) Acenaphthene	14.53	153	202730	19.77	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	20667	17.37	ng/ul	92
53) 4-Nitrophenol	14.67	109	34684	19.13	ng/ul	88
54) Dibenzofuran	14.86	168	290952	19.93	ng/ul	94
55) 2,4-Dinitrotoluene	14.82	165	67900	21.54	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.09	232	56456	19.03	ng/ul	95
57) Diethylphthalate	15.28	149	237975	19.89	ng/ul	100
59) Fluorene	15.51	166	236230	20.26	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	112497	20.23	ng/ul	93
61) 4-Nitroaniline	15.53	138	54224	22.32	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.59	198	38662	19.21	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	205772	19.28	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	68123	19.19	ng/ul	93
67) Hexachlorobenzene	16.52	284	78289	19.65	ng/ul	93
68) Atrazine	16.67	200	73751	19.55	ng/ul	97
69) Pentachlorophenol	16.86	266	44209	17.11	ng/ul	98
70) Phenanthrene	17.25	178	398532	19.79	ng/ul	100
72) Anthracene	17.34	178	404403	19.94	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	88615	18.27	ng/uL	98
74) Pentachlorobenzene	14.78	250	88503	18.91	ng/uL	98
75) Carbazole	17.61	167	374708	20.67	ng/ul	99
76) Di-n-butylphthalate	18.17	149	417835	16.25	ng/ul	100
77) Fluoranthene	19.26	202	476381	21.42	ng/ul	98
80) Pyrene	19.63	202	507261	18.57	ng/ul	97
81) Butylbenzylphthalate	20.53	149	199849	18.29	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.31	252	171788	24.68	ng/ul	99
83) Benzo(a)anthracene	21.38	228	517705	19.68	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	303656	19.55	ng/ul	98
85) Chrysene	21.43	228	494159	19.67	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	569399	20.81	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	545852	19.99	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	512701	19.75	ng/ul	100
91) Benzo(a)pyrene	23.59	252	513869	19.64	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	512667	17.43	ng/ul	99
93) Dibenzo(a,h)anthracene	26.03	278	434977	17.87	ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	416071	16.70	ng/ul	98

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

