

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120315\
 Data File : BM003371.D
 Acq On : 03 Dec 2015 12:38
 Operator : UM/IZ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02036

Quant Time: Dec 04 00:06:22 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 00:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	368725	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	223573	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	497262	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	443982	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	378491	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	13581	8.53	ng/uL	0.00
5) Phenol-d5	6.89	99	131637	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	75480	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	108876	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	111530	21.04	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	52572	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	54429	20.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	110595	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	121248	20.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	359205	21.37	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	435147	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	61415	20.38	ng/ul	0.00
58) Fluorene-d10	15.37	176	306163	21.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	48450	19.04	ng/ul	0.00
71) Anthracene-d10	17.23	188	459528	20.80	ng/ul	0.00
79) Pyrene-d10	19.53	212	471638	21.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	375533	20.56	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	16217	8.55	ng/uL	98
4) Benzaldehyde	6.86	77	76438	19.68	ng/ul	100
6) Phenol	6.92	94	141770	21.26	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	109633	21.31	ng/ul	99
10) 2-Chlorophenol	7.29	128	115799	20.93	ng/ul	99
11) 2-Methylphenol	8.16	108	107421	20.69	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	111062	21.63	ng/ul	99
14) Acetophenone	8.55	105	178338	21.95	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	83991	21.92	ng/ul	99
16) 4-Methylphenol	8.49	108	123370	21.46	ng/ul	100
17) Hexachloroethane	8.80	117	42745	21.02	ng/ul	96
20) Nitrobenzene	8.92	77	122886	21.14	ng/ul	99
21) Isophorone	9.45	82	232925	21.47	ng/ul	100
23) 2-Nitrophenol	9.63	139	64324	21.28	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	136419	21.52	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	152740	21.05	ng/ul	100
27) 2,4-Dichlorophenol	10.16	162	117434	21.39	ng/ul	100
28) Naphthalene	10.57	128	390393	20.97	ng/ul	100
30) 4-Chloroaniline	10.67	127	126595	20.89	ng/ul	99
31) Hexachlorobutadiene	10.85	225	68725	20.70	ng/ul	99
32) Caprolactam	11.43	113	32731	20.43	ng/ul	97
33) 4-Chloro-3-methylphenol	11.80	107	128994	22.33	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	290863	21.39	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	276244	21.49	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	142736	20.30	ng/ul	99
38) Hexachlorocyclopentadiene	12.54	237	73794	18.25	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	90116	20.57	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	100591	20.72	ng/ul	97
41) 1,1'-Biphenyl	13.20	154	382129	20.50	ng/ul	100
42) 2-Chloronaphthalene	13.24	162	283382	20.37	ng/ul	100
43) 2-Nitroaniline	13.45	65	67348	21.71	ng/ul	97
45) Dimethylphthalate	13.83	163	370103	21.40	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	69697	21.97	ng/ul	97
48) Acenaphthylene	14.10	152	476629	21.11	ng/ul	99
49) 3-Nitroaniline	14.28	138	67422	20.20	ng/ul	99
50) Acenaphthene	14.44	153	315699	20.94	ng/ul	100
51) 2,4-Dinitrophenol	14.49	184	29397	17.82	ng/ul	99
53) 4-Nitrophenol	14.59	109	49464	20.96	ng/ul	97
54) Dibenzofuran	14.78	168	449316	21.04	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	105116	22.79	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.00	232	83571	22.07	ng/ul	98
57) Diethylphthalate	15.20	149	370645	22.12	ng/ul	99
59) Fluorene	15.43	166	355080	21.45	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.42	204	171588	21.23	ng/ul	99
61) 4-Nitroaniline	15.45	138	76850	20.55	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.51	198	53894	19.49	ng/ul#	95
65) N-Nitrosodiphenylamine	15.64	169	310131	20.44	ng/ul	100
66) 4-Bromophenyl-phenylether	16.32	248	100619	20.10	ng/ul	97
67) Hexachlorobenzene	16.43	284	111637	20.10	ng/ul	98
68) Atrazine	16.59	200	105147	20.85	ng/ul	100
69) Pentachlorophenol	16.78	266	56819	18.85	ng/ul	98
70) Phenanthrene	17.17	178	566835	20.70	ng/ul	99
72) Anthracene	17.26	178	571223	20.70	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	153504	19.15	ng/uL	100
74) Pentachlorobenzene	14.70	250	140350	19.76	ng/uL	99
75) Carbazole	17.53	167	512870	21.50	ng/ul	99
76) Di-n-butylphthalate	18.10	149	571293	22.25	ng/ul	100
77) Fluoranthene	19.19	202	603951	21.84	ng/ul	99
80) Pvrene	19.56	202	625123	21.75	ng/ul	99
81) Butylbenzylphthalate	20.46	149	209638	22.36	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.24	252	134634	18.60	ng/ul	97
83) Benzo(a)anthracene	21.31	228	533769	21.03	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	289299	22.21	ng/ul	100
85) Chrysene	21.36	228	509884	20.85	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	461732	20.58	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	454453	20.54	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	466574	21.50	ng/ul	99
91) Benzo(a)pyrene	23.49	252	442056	20.59	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	473529	19.69	ng/ul	99
93) Dibenzo(a,h)anthracene	25.88	278	403958	19.85	ng/ul	99
94) Benzo(a,h,i)perylene	26.57	276	397140	19.61	ng/ul	100

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

