

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
 Data File : BM007719.D
 Acq On : 24 Oct 2016 14:04
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02053

Quant Time: Oct 24 14:39:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 24 12:55:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	180740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	689018	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	445381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	883960	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1156951	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1169156	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	33733	8.00	ng/uL	0.00
5) Phenol-d5	6.93	99	267465	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	162852	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	214838	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	206963	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	98618	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	106430	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	207089	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	256282	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	610393	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	733692	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	88901	18.54	ng/ul	0.00
57) Fluorene-d10	15.38	176	524207	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	96080	18.29	ng/ul	0.00
70) Anthracene-d10	17.23	188	804733	20.20	ng/ul	0.00
76) Pyrene-d10	19.53	212	930293	19.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1028130	20.14	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	35441	7.68 ng/uL	96
4) Benzaldehyde	6.90	77	194212	22.01 ng/ul	98
6) Phenol	6.95	94	276289	19.30 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	217641	19.73 ng/ul	97
10) 2-Chlorophenol	7.32	128	218213	19.88 ng/ul	97
11) 2-Methylphenol	8.19	108	197088	18.91 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	246059	20.12 ng/ul	97
14) Acetophenone	8.57	105	335789	19.62 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	170267	20.05 ng/ul	96
16) 4-Methylphenol	8.52	108	218038	19.42 ng/ul	100
17) Hexachloroethane	8.82	117	98315	20.27 ng/ul	97
20) Nitrobenzene	8.95	77	264507	20.74 ng/ul	99
21) Isophorone	9.47	82	440092	20.17 ng/ul	100
23) 2-Nitrophenol	9.66	139	110392	20.10 ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	249716	19.93 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	273613	20.51 ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	206487	20.29 ng/ul	97
28) Naphthalene	10.58	128	665196	19.85 ng/ul	100
30) 4-Chloroaniline	10.70	127	255453	21.35 ng/ul	96
31) Hexachlorobutadiene	10.86	225	164840	19.88 ng/ul	98
32) Caprolactam	11.49	113	51654	18.30 ng/ul	96
33) 4-Chloro-3-methylphenol	11.83	107	213723	20.03 ng/ul	93
34) 2-Methylnaphthalene	12.20	142	477751	20.04 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	283922	19.75	ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	150931	17.83	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	159243	19.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	170359	19.45	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	624449	19.88	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	480303	19.99	ng/ul	97
42) 2-Nitroaniline	13.47	65	129142	20.26	ng/ul	98
44) Dimethylphthalate	13.84	163	585038	19.87	ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	112050	20.23	ng/ul#	92
47) Acenaphthylene	14.10	152	744016	20.10	ng/ul	99
48) 3-Nitroaniline	14.30	138	109783	20.04	ng/ul	95
49) Acenaphthene	14.45	153	504822	19.76	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	57844	16.96	ng/ul	95
52) 4-Nitrophenol	14.61	109	85865	18.06	ng/ul	96
53) Dibenzofuran	14.79	168	727374	19.83	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	164836	20.62	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	159012	20.36	ng/ul	97
56) Diethylphthalate	15.21	149	587838	20.16	ng/ul	99
58) Fluorene	15.43	166	586520	20.03	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	314443	20.15	ng/ul	96
60) 4-Nitroaniline	15.47	138	100915	18.27	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.53	198	101907	18.78	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	502498	19.89	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	198235	19.66	ng/ul	96
66) Hexachlorobenzene	16.44	284	222163	19.89	ng/ul	99
67) Atrazine	16.60	200	189579	19.48	ng/ul	98
68) Pentachlorophenol	16.79	266	114120	18.23	ng/ul	96
69) Phenanthrene	17.17	178	935213	19.90	ng/ul	100
71) Anthracene	17.26	178	956626	19.99	ng/ul	100
72) Carbazole	17.54	167	828314	20.00	ng/ul	100
73) Di-n-butylphthalate	18.10	149	953194	20.66	ng/ul	99
74) Fluoranthene	19.19	202	1113024	20.26	ng/ul	100
77) Pyrene	19.56	202	1173115	19.63	ng/ul	100
78) Butylbenzylphthalate	20.45	149	428423	20.15	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.24	252	423724	20.62	ng/ul	99
80) Benzo(a)anthracene	21.30	228	1239068	20.04	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.23	149	645586	20.62	ng/ul	98
82) Chrysene	21.35	228	1188281	20.00	ng/ul	98
84) Di-n-octyl phthalate	22.11	149	1147503	19.36	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1305482	19.54	ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	1258967	20.48	ng/ul	99
88) Benzo(a)pyrene	23.47	252	1268545	20.16	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	1517996	20.14	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1280703	20.14	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1268619	20.04	ng/ul	100

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

