

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008147.D
 Acq On : 01 Dec 2016 20:53
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Manual Integrations
 APPROVED

sohil
 12/2/2016 4:19:41 PM

Quant Time: Dec 02 03:48:50 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	151851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	580232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	357014	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	685889	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	846236	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	866213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	25695	8.36	ng/uL	0.00
5) Phenol-d5	6.87	99	219909	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	131801	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	174257	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	167195	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	83302	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	91372	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	164763	19.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	168494	20.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	451164	19.61	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	565380	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	58491	16.45	ng/ul	0.00
57) Fluorene-d10	15.33	176	393384	19.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	67370	16.54	ng/ul	0.00
70) Anthracene-d10	17.19	188	581209	19.70	ng/ul	0.00
76) Pyrene-d10	19.49	212	656414	19.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	710765	19.70	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.29	88	29221	8.29	ng/uL	96
4) Benzaldehyde	6.85	77	163369	19.94	ng/ul	97
6) Phenol	6.90	94	228403	19.65	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	177654	20.14	ng/ul	98
10) 2-Chlorophenol	7.26	128	176983	19.73	ng/ul	99
11) 2-Methylphenol	8.14	108	166609	19.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	203121	20.72	ng/ul	97
14) Acetophenone	8.52	105	266631	18.94	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	140667	19.04	ng/ul	98
16) 4-Methylphenol	8.47	108	177652	19.13	ng/ul	100
17) Hexachloroethane	8.75	117	81360	20.33	ng/ul	94
20) Nitrobenzene	8.90	77	206726	19.96	ng/ul	98
21) Isophorone	9.42	82	364758	19.11	ng/ul	99
23) 2-Nitrophenol	9.60	139	95357	19.73	ng/ul	96
24) 2,4-Dimethylphenol	9.66	107	201973	19.47	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	219140	19.79	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	167942	19.89	ng/ul	95
28) Naphthalene	10.52	128	534273	19.82	ng/ul	99
30) 4-Chloroaniline	10.65	127	177006	20.44	ng/ul	98
31) Hexachlorobutadiene	10.79	225	136044	20.32	ng/ul	96
32) Caprolactam	11.44	113	42877m	16.74	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	169433	18.68	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	375602	19.47	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	226166	20.40	ng/ul	99
37) Hexachlorocyclopentadiene	12.48	237	76504	13.94	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	126241	18.99	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	134969	19.16	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	484815	20.15	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	373849	20.33	ng/ul	98
42) 2-Nitroaniline	13.43	65	102123	19.45	ng/ul	99
44) Dimethylphthalate	13.80	163	442348	19.60	ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	86319	19.30	ng/ul	99
47) Acenaphthylene	14.05	152	567469	19.89	ng/ul	99
48) 3-Nitroaniline	14.26	138	80429	19.17	ng/ul	97
49) Acenaphthene	14.40	153	388951	19.96	ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	37238	13.18	ng/ul	98
52) 4-Nitrophenol	14.58	109	53778	16.09	ng/ul	98
53) Dibenzofuran	14.73	168	555461	20.04	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	126863	19.90	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.97	232	120989	19.13	ng/ul	97
56) Diethylphthalate	15.16	149	433394	17.94	ng/ul	98
58) Fluorene	15.39	166	445092	19.78	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	238640	20.03	ng/ul	98
60) 4-Nitroaniline	15.43	138	76988	18.30	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	68986	16.47	ng/ul	92
64) N-Nitrosodiphenylamine	15.60	169	374068	19.54	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	150990	19.75	ng/ul	96
66) Hexachlorobenzene	16.39	284	167776	19.94	ng/ul	97
67) Atrazine	16.56	200	140121	18.68	ng/ul	97
68) Pentachlorophenol	16.74	266	81059	16.65	ng/ul	99
69) Phenanthrene	17.13	178	686765	20.02	ng/ul	99
71) Anthracene	17.22	178	701673	20.05	ng/ul	100
72) Carbazole	17.50	167	591723	19.47	ng/ul	99
73) Di-n-butylphthalate	18.05	149	685267	19.02	ng/ul	100
74) Fluoranthene	19.15	202	796641	20.00	ng/ul	99
77) Pyrene	19.52	202	829675	19.06	ng/ul	99
78) Butylbenzylphthalate	20.42	149	305844	18.24	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.20	252	302764	20.27	ng/ul	99
80) Benzo(a)anthracene	21.26	228	865873	19.83	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.19	149	455527	18.03	ng/ul	98
82) Chrysene	21.32	228	823647	19.97	ng/ul	99
84) Di-n-octyl phthalate	22.06	149	808835	18.14	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	917752	19.78	ng/ul	99
86) Benzo(k)fluoranthene	22.89	252	863905	19.75	ng/ul	100
88) Benzo(a)pyrene	23.42	252	884301	19.84	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.76	276	1100355	20.24	ng/ul	100
90) Dibenzo(a,h)anthracene	25.77	278	924010	20.16	ng/ul	100
91) Benzo(g,h,i)perylene	26.45	276	912807	20.19	ng/ul	100

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

