

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005393.D
 Acq On : 11 May 2016 18:52
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:07:51 PM

Quant Time: May 12 04:21:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	115496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	551013	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	351891	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	834042	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	747722	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	612165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17639	7.18	ng/uL	0.00
5) Phenol-d5	6.93	99	211837	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	119408	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	164153	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	179457	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	86578	22.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	101628	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	179566	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	243116	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	590999	20.95	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	699462	21.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	106522	20.69	ng/ul	0.00
57) Fluorene-d10	15.40	176	499714	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	111144	23.69	ng/ul	0.00
70) Anthracene-d10	17.25	188	781450	21.20	ng/ul	0.00
76) Pyrene-d10	19.55	212	819982	23.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	572408	21.12	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	32355	7.22	ng/uL	96
4) Benzaldehyde	6.90	77	133177	26.24	ng/ul	97
6) Phenol	6.96	94	220123	20.33	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	163401	20.05	ng/ul	98
10) 2-Chlorophenol	7.33	128	165457	20.45	ng/ul	98
11) 2-Methylphenol	8.20	108	170695	20.40	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	225840	20.43	ng/ul	99
14) Acetophenone	8.58	105	271815	21.19	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	141949	21.18	ng/ul	99
16) 4-Methylphenol	8.53	108	190667	20.53	ng/ul	98
17) Hexachloroethane	8.83	117	64846	21.29	ng/ul	95
20) Nitrobenzene	8.96	77	208054	21.12	ng/ul	96
21) Isophorone	9.48	82	414298	21.66	ng/ul	99
23) 2-Nitrophenol	9.67	139	106338	22.16	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	218114	21.42	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	238500	20.02	ng/ul	98
27) 2,4-Dichlorophenol	10.20	162	180937	21.34	ng/ul	99
28) Naphthalene	10.60	128	566276	20.43	ng/ul	99
30) 4-Chloroaniline	10.71	127	243797	23.99	ng/ul	99
31) Hexachlorobutadiene	10.87	225	111638	22.16	ng/ul	99
32) Caprolactam	11.49	113	68690m	21.75	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	223786	22.02	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	427632	20.62	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	225772	21.09	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	108491	19.84	ng/ul	95
38) 2,4,6-Trichlorophenol	12.83	196	157938	22.15	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	174804	22.10	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	568347	20.39	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	439321	20.84	ng/ul	98
42) 2-Nitroaniline	13.49	65	150308	23.16	ng/ul	97
44) Dimethylphthalate	13.86	163	589092	20.90	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	128863	23.19	ng/ul#	91
47) Acenaphthylene	14.13	152	733838	20.97	ng/ul	100
48) 3-Nitroaniline	14.32	138	138540	23.38	ng/ul	100
49) Acenaphthene	14.47	153	475546	20.62	ng/ul	98
50) 2,4-Dinitrophenol	14.53	184	70755	22.13	ng/ul	94
52) 4-Nitrophenol	14.64	109	94059	21.97	ng/ul	92
53) Dibenzofuran	14.80	168	688234	20.56	ng/ul	99
54) 2,4-Dinitrotoluene	14.78	165	185080	22.33	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.03	232	151808	22.57	ng/ul#	96
56) Diethylphthalate	15.23	149	598250	21.01	ng/ul	99
58) Fluorene	15.46	166	529313	20.23	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	267712	20.65	ng/ul	97
60) 4-Nitroaniline	15.49	138	143799m	22.90	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.54	198	115843	23.50	ng/ul#	93
64) N-Nitrosodiphenylamine	15.66	169	490433	21.47	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	176874	22.12	ng/ul	97
66) Hexachlorobenzene	16.46	284	198623	22.15	ng/ul	97
67) Atrazine	16.62	200	195995	23.52	ng/ul	99
68) Pentachlorophenol	16.81	266	117927	23.66	ng/ul	98
69) Phenanthrene	17.20	178	907451	20.69	ng/ul	99
71) Anthracene	17.29	178	918853	21.02	ng/ul	100
72) Carbazole	17.56	167	845738	21.99	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1035602	22.07	ng/ul	100
74) Fluoranthene	19.22	202	1038053	21.36	ng/ul	97
77) Pyrene	19.58	202	1030507	23.76	ng/ul	98
78) Butylbenzylphthalate	20.47	149	471289	26.17	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	296423	22.05	ng/ul	100
80) Benzo(a)anthracene	21.33	228	902530	20.98	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	618650	24.73	ng/ul#	98
82) Chrysene	21.39	228	860567	21.09	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	988141	27.64	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	799128	22.33	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	710948	21.10	ng/ul	99
88) Benzo(a)pyrene	23.51	252	711425	21.02	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	740127	20.04	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	627545	20.31	ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	626457	20.03	ng/ul	98

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

