

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042617\
 Data File : BM009729.D
 Acq On : 26 Apr 2017 20:36
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02031

Manual Integrations
 APPROVED

mohammad
 4/27/2017 3:19:10 PM

Quant Time: Apr 27 01:01:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 27 00:53:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	146140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	664684	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	429403	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1017956	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1184107	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	846360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	23879	7.52	ng/uL	0.00
5) Phenol-d5	6.99	99	300558	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	208455	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	202018	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	237753	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	103828	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	118847	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	230756	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	287438	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	721484	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	887755	19.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	130293	18.08	ng/ul	0.00
57) Fluorene-d10	15.47	176	647995	19.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	127252	17.72	ng/ul	0.00
70) Anthracene-d10	17.32	188	1025463	19.62	ng/ul	0.00
76) Pyrene-d10	19.62	212	1121875	21.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	821160	19.95	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	27131	6.93 ng/uL#	74
4) Benzaldehyde	6.97	77	151217	14.62 ng/ul	89
6) Phenol	7.02	94	306376	18.67 ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.25	93	236578	19.20 ng/ul#	81
10) 2-Chlorophenol	7.39	128	204587	19.78 ng/ul#	75
11) 2-Methylphenol	8.26	108	219436	18.58 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.36	45	393535	19.12 ng/ul	97
14) Acetophenone	8.65	105	383068	18.82 ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.63	70	246695	19.51 ng/ul#	85
16) 4-Methylphenol	8.59	108	251713	19.26 ng/ul	92
17) Hexachloroethane	8.89	117	97369	20.28 ng/ul	94
20) Nitrobenzene	9.03	77	337937	19.23 ng/ul#	87
21) Isophorone	9.55	82	591344	19.01 ng/ul#	94
23) 2-Nitrophenol	9.74	139	122865	19.82 ng/ul#	55
24) 2,4-Dimethylphenol	9.79	107	298062	19.34 ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.03	93	354658	19.67 ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	221374	19.73 ng/ul#	92
28) Naphthalene	10.67	128	688202	19.44 ng/ul	97
30) 4-Chloroaniline	10.79	127	282766	20.64 ng/ul	100
31) Hexachlorobutadiene	10.94	225	152779	19.50 ng/ul	94
32) Caprolactam	11.57	113	78685m	18.57 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	268257	19.19 ng/ul#	86
34) 2-Methylnaphthalene	12.29	142	524292	19.26 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	295876	20.32	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	137384	17.67	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	197087	19.93	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	210299	20.62	ng/ul	93
40) 1,1'-Biphenyl	13.30	154	700974	19.85	ng/ul	93
41) 2-Chloronaphthalene	13.35	162	552054	20.33	ng/ul	95
42) 2-Nitroaniline	13.56	65	229325	19.82	ng/ul#	78
44) Dimethylphthalate	13.93	163	709209	19.19	ng/ul	98
45) 2,6-Dinitrotoluene	14.06	165	145935	19.67	ng/ul#	74
47) Acenaphthylene	14.19	152	872141	19.63	ng/ul	99
48) 3-Nitroaniline	14.39	138	143809	19.62	ng/ul#	80
49) Acenaphthene	14.53	153	584401	19.35	ng/ul	97
50) 2,4-Dinitrophenol	14.60	184	83446	16.86	ng/ul#	79
52) 4-Nitrophenol	14.69	109	149547	18.11	ng/ul#	60
53) Dibenzofuran	14.87	168	858787	19.41	ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	213746	19.11	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.10	232	196906	19.91	ng/ul	92
56) Diethylphthalate	15.29	149	745567	18.50	ng/ul	97
58) Fluorene	15.52	166	717157	18.99	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	371213	18.97	ng/ul#	89
60) 4-Nitroaniline	15.56	138	138007	16.13	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.61	198	133625	18.04	ng/ul	89
64) N-Nitrosodiphenylamine	15.73	169	612727	19.62	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	229174	19.71	ng/ul#	87
66) Hexachlorobenzene	16.52	284	253468	19.92	ng/ul	94
67) Atrazine	16.68	200	235918	18.83	ng/ul	94
68) Pentachlorophenol	16.87	266	144764	18.46	ng/ul	83
69) Phenanthrene	17.27	178	1120058	19.14	ng/ul	97
71) Anthracene	17.36	178	1184538	19.35	ng/ul	94
72) Carbazole	17.63	167	1017696	18.47	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1288990	19.21	ng/ul	97
74) Fluoranthene	19.28	202	1356212	18.38	ng/ul#	92
77) Pyrene	19.64	202	1426988	21.34	ng/ul#	90
78) Butylbenzylphthalate	20.53	149	600480	21.65	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.32	252	420190	19.19	ng/ul	99
80) Benzo(a)anthracene	21.39	228	1351711	19.25	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	877467	20.88	ng/ul	100
82) Chrysene	21.44	228	1225441	19.39	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1396603	22.59	ng/ul#	93
85) Benzo(b)fluoranthene	23.01	252	1156800	21.05	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1064023	21.14	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	999939	19.56	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.07	276	967529	17.48	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	829709	17.60	ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	785517	17.65	ng/ul#	93

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

