

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020317\
 Data File : BM008968.D
 Acq On : 03 Feb 2017 16:49
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

mohammad
 2/6/2017 3:19:58 PM

Quant Time: Feb 03 22:27:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 17:33:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	295630	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	245766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	609867	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	788718	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	639366	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	12249	7.18	ng/uL	0.00
5) Phenol-d5	7.07	99	124938	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	105198	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	79467	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	100522	20.86	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	42074	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	50213	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	102209	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	101746	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	373691	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	439084	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	59789	20.33	ng/ul	0.00
57) Fluorene-d10	15.54	176	343870	20.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	68953	17.46	ng/ul	0.00
70) Anthracene-d10	17.40	188	580357	19.92	ng/ul	0.00
76) Pyrene-d10	19.69	212	714579	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	609084	20.98	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.40	88	14722	6.86 ng/uL	91
4) Benzaldehyde	7.06	77	131877	20.69 ng/ul	96
6) Phenol	7.10	94	135129	19.99 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.34	93	100590	19.68 ng/ul	95
10) 2-Chlorophenol	7.48	128	85430	21.01 ng/ul	96
11) 2-Methylphenol	8.35	108	99238	20.93 ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.45	45	203033	20.06 ng/ul	97
14) Acetophenone	8.75	105	183861	20.33 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.72	70	121627	20.48 ng/ul	94
16) 4-Methylphenol	8.67	108	108158	21.37 ng/ul	98
17) Hexachloroethane	9.00	117	51319	19.82 ng/ul#	85
20) Nitrobenzene	9.13	77	189064	19.33 ng/ul	99
21) Isophorone	9.65	82	301801	20.80 ng/ul	99
23) 2-Nitrophenol	9.83	139	54329	22.04 ng/ul	85
24) 2,4-Dimethylphenol	9.89	107	153716	20.52 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.13	93	152391	20.66 ng/ul	93
27) 2,4-Dichlorophenol	10.36	162	102105	20.36 ng/ul	97
28) Naphthalene	10.77	128	300021	20.48 ng/ul	96
30) 4-Chloroaniline	10.89	127	103871	21.60 ng/ul#	89
31) Hexachlorobutadiene	11.05	225	91680	18.52 ng/ul	99
32) Caprolactam	11.66	113	31500m	20.69 ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	136638	20.51 ng/ul#	96
34) 2-Methylnaphthalene	12.38	142	245917	21.43 ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	165098	20.01	ng/ul	99
37) Hexachlorocyclopentadiene	12.72	237	107773	17.17	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.98	196	96753m	19.43	ng/ul	
39) 2,4,5-Trichlorophenol	13.05	196	111723	20.57	ng/ul#	92
40) 1,1'-Biphenyl	13.39	154	338883	20.28	ng/ul	96
41) 2-Chloronaphthalene	13.43	162	269168	20.55	ng/ul	98
42) 2-Nitroaniline	13.64	65	149024	21.10	ng/ul	98
44) Dimethylphthalate	14.01	163	376755	21.44	ng/ul	97
45) 2,6-Dinitrotoluene	14.13	165	72484	21.55	ng/ul	98
47) Acenaphthylene	14.28	152	424211	21.09	ng/ul	99
48) 3-Nitroaniline	14.46	138	65339	22.64	ng/ul	99
49) Acenaphthene	14.62	153	301784	20.91	ng/ul	96
50) 2,4-Dinitrophenol	14.67	184	40364	15.89	ng/ul	99
52) 4-Nitrophenol	14.76	109	120594	18.81	ng/ul#	90
53) Dibenzofuran	14.96	168	443722	20.17	ng/ul	99
54) 2,4-Dinitrotoluene	14.92	165	112569	22.03	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.17	232	111013	21.21	ng/ul	94
56) Diethylphthalate	15.37	149	418919	21.52	ng/ul	97
58) Fluorene	15.60	166	383757	20.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.59	204	212891	19.90	ng/ul	89
60) 4-Nitroaniline	15.63	138	77838	20.84	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.67	198	73218	18.32	ng/ul	94
64) N-Nitrosodiphenylamine	15.81	169	341131	20.22	ng/ul	97
65) 4-Bromophenyl-phenylether	16.49	248	140944	19.68	ng/ul	92
66) Hexachlorobenzene	16.60	284	154374	20.01	ng/ul	93
67) Atrazine	16.76	200	153527	20.17	ng/ul	96
68) Pentachlorophenol	16.94	266	98790	20.15	ng/ul#	83
69) Phenanthrene	17.34	178	664353	20.13	ng/ul	98
71) Anthracene	17.43	178	690190	20.34	ng/ul	98
72) Carbazole	17.70	167	605064	20.06	ng/ul	99
73) Di-n-butylphthalate	18.26	149	755435	21.15	ng/ul	97
74) Fluoranthene	19.35	202	880874	19.99	ng/ul	98
77) Pyrene	19.72	202	912667	20.91	ng/ul	98
78) Butylbenzylphthalate	20.60	149	355823	21.97	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.39	252	300333	19.50	ng/ul#	99
80) Benzo(a)anthracene	21.46	228	924508	20.28	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	498931	22.02	ng/ul	97
82) Chrysene	21.51	228	849306	19.71	ng/ul	100
84) Di-n-octyl phthalate	22.27	149	821155	21.20	ng/ul	99
85) Benzo(b)fluoranthene	23.11	252	826615	21.37	ng/ul	98
86) Benzo(k)fluoranthene	23.16	252	790028	21.32	ng/ul	99
88) Benzo(a)pyrene	23.72	252	765380	20.71	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.23	276	753277	18.95	ng/ul	95
90) Dibenzo(a,h)anthracene	26.24	278	644529	19.00	ng/ul	95
91) Benzo(g,h,i)perylene	26.97	276	613894	18.85	ng/ul	96

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

