

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009351.D
 Acq On : 23 Mar 2017 20:38
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02059

Manual Integrations
 APPROVED

mohammad
 3/24/2017 4:09:33 PM

Quant Time: Mar 24 04:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 04:32:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	130565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	511958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	327778	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	767724	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1045890	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	981260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	24785	7.23	ng/uL	0.00
5) Phenol-d5	7.01	99	221677	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	166264	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	156629	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	171670	19.48	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	75220	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	82083	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	170525	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	197987	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	508826	22.07	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	631460	21.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	89911	21.16	ng/ul	0.00
57) Fluorene-d10	15.49	176	475748	22.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	87581	18.05	ng/ul	0.00
70) Anthracene-d10	17.35	188	756876	20.67	ng/ul	0.00
78) Pyrene-d10	19.64	212	880461	19.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	930131	20.58	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	30687	8.02	ng/uL#	69
4) Benzaldehyde	7.00	77	185122	22.38	ng/ul	83
6) Phenol	7.04	94	249285	19.73	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.28	93	188476	19.15	ng/ul#	76
10) 2-Chlorophenol	7.42	128	160771	19.01	ng/ul#	79
11) 2-Methylphenol	8.29	108	166786	19.08	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	322021	20.17	ng/ul#	85
14) Acetophenone	8.68	105	291970	19.42	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.66	70	178595	20.59	ng/ul#	79
16) 4-Methylphenol	8.62	108	182347	19.21	ng/ul	97
17) Hexachloroethane	8.93	117	80716	19.78	ng/ul	97
20) Nitrobenzene	9.06	77	263349	20.76	ng/ul#	82
21) Isophorone	9.58	82	441337	20.92	ng/ul#	90
23) 2-Nitrophenol	9.77	139	88778	20.57	ng/ul#	65
24) 2,4-Dimethylphenol	9.82	107	226417	21.24	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.06	93	251524	20.57	ng/ul#	97
27) 2,4-Dichlorophenol	10.30	162	172147	21.38	ng/ul	96
28) Naphthalene	10.70	128	538013	20.76	ng/ul	99
30) 4-Chloroaniline	10.82	127	211097	21.66	ng/ul	96
31) Hexachlorobutadiene	10.97	225	131895	20.91	ng/ul	96
32) Caprolactam	11.59	113	50200m	20.23	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	190376	21.06	ng/ul	91
34) 2-Methylnaphthalene	12.32	142	379845	20.33	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	234334	21.28	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	135038	19.55	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	135487	21.01	ng/ul	100
39) 2,4,5-Trichlorophenol	12.99	196	152344	21.90	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	524835	21.67	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	419297	22.25	ng/ul	95
42) 2-Nitroaniline	13.59	65	153044	22.04	ng/ul#	64
44) Dimethylphthalate	13.95	163	509287	22.14	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	97391	21.91	ng/ul#	59
47) Acenaphthylene	14.22	152	643857	22.35	ng/ul	99
48) 3-Nitroaniline	14.41	138	105285	22.97	ng/ul#	79
49) Acenaphthene	14.56	153	443462	21.92	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	53369	17.48	ng/ul#	82
52) 4-Nitrophenol	14.71	109	108525	21.79	ng/ul#	71
53) Dibenzofuran	14.90	168	642678	21.92	ng/ul	96
54) 2,4-Dinitrotoluene	14.87	165	151707	22.84	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	15.12	232	141781	22.61	ng/ul	93
56) Diethylphthalate	15.32	149	528291	22.40	ng/ul	99
58) Fluorene	15.55	166	546972	22.87	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	285579	22.40	ng/ul	93
60) 4-Nitroaniline	15.57	138	118440	24.33	ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	15.63	198	95323	18.27	ng/ul#	89
64) N-Nitrosodiphenylamine	15.76	169	466234	20.13	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	182297	21.20	ng/ul#	86
66) Hexachlorobenzene	16.55	284	192570	19.87	ng/ul	95
67) Atrazine	16.70	200	168476	19.07	ng/ul	95
68) Pentachlorophenol	16.89	266	108982	18.58	ng/ul	98
69) Phenanthrene	17.29	178	883948	20.45	ng/ul	99
71) Anthracene	17.38	178	917733	20.74	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	215490	19.09	ng/uL	98
73) Pentachlorobenzene	14.82	250	222480	19.93	ng/uL	98
74) Carbazole	17.66	167	792544	19.87	ng/ul	99
75) Di-n-butylphthalate	18.20	149	897373	20.84	ng/ul#	98
76) Fluoranthene	19.30	202	1053182	20.16	ng/ul	97
79) Pyrene	19.67	202	1151248	20.04	ng/ul	97
80) Butylbenzylphthalate	20.56	149	409278	19.52	ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.34	252	416986	20.78	ng/ul	97
82) Benzo(a)anthracene	21.41	228	1199964	20.18	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	597734	19.43	ng/ul#	98
84) Chrysene	21.46	228	1151153	20.43	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	1065437	18.71	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1194851	20.16	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1201638	21.28	ng/ul#	97
90) Benzo(a)pyrene	23.64	252	1165190	20.62	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.12	276	1334117	20.74	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.13	278	1135061	20.59	ng/ul#	93
93) Benzo(g,h,i)perylene	26.85	276	1095164	20.43	ng/ul#	92

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

