

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002119.D
 Acq On : 29 Jul 2015 10:52
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02085

Manual Integrations
 APPROVED

apatel
 7/30/2015 7:49:27 AM

Quant Time: Jul 29 13:44:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 27 16:22:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	66683	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	285891	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	185434	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	430363	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	465769	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	397872	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	9028	7.00	ng/uL	-0.02
5) Phenol-d5	6.77	99	91804	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	49490	18.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	77606	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	77812	20.53	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	37930	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	45532	20.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	88914	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	98953	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	265748	19.57	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	319390	18.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	42320	18.67	ng/ul	0.00
58) Fluorene-d10	15.25	176	229708	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	49672	18.87	ng/ul	0.00
71) Anthracene-d10	17.10	188	361067	18.80	ng/ul	0.00
79) Pyrene-d10	19.41	212	396042	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	364586	18.90	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.09	88	9205	6.69	ng/uL	99
4) Benzaldehyde	6.73	77	50373	19.91	ng/ul	97
6) Phenol	6.80	94	94289	19.35	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	70587	19.26	ng/ul	97
10) 2-Chlorophenol	7.15	128	77782	19.20	ng/ul	98
11) 2-Methylphenol	8.04	108	74301	20.13	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	68874	18.34	ng/ul	95
14) Acetophenone	8.41	105	126257	21.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	62109	21.36	ng/ul	99
16) 4-Methylphenol	8.37	108	81656	20.59	ng/ul	98
17) Hexachloroethane	8.66	117	30161	18.21	ng/ul	98
20) Nitrobenzene	8.79	77	87070	18.26	ng/ul	97
21) Isophorone	9.31	82	170293	20.02	ng/ul	100
23) 2-Nitrophenol	9.50	139	47828	19.39	ng/ul	91
24) 2,4-Dimethylphenol	9.57	107	94383	19.48	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	98827	19.09	ng/ul	97
27) 2,4-Dichlorophenol	10.03	162	84213	19.98	ng/ul	95
28) Naphthalene	10.43	128	253052	18.63	ng/ul	99
30) 4-Chloroaniline	10.55	127	102758	20.67	ng/ul	98
31) Hexachlorobutadiene	10.70	225	58951	18.70	ng/ul	97
32) Caprolactam	11.30	113	26146m	22.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	89041	21.28	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	197828	20.02	ng/ul	98

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35) 1-Methylnaphthalene	12.27	142	190685	20.07	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	116172	18.01	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	61248	16.66	ng/ul	97
39) 2,4,6-Trichlorophenol	12.68	196	73135	19.32	ng/ul	96
40) 2,4,5-Trichlorophenol	12.75	196	80938	19.79	ng/ul	100
41) 1,1'-Biphenyl	13.08	154	261762	18.32	ng/ul	98
42) 2-Chloronaphthalene	13.12	162	202065	18.19	ng/ul	98
43) 2-Nitroaniline	13.34	65	52923	19.12	ng/ul	91
45) Dimethylphthalate	13.72	163	261706	19.30	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	55316	20.05	ng/ul	98
48) Acenaphthylene	13.97	152	326419	18.63	ng/ul	100
49) 3-Nitroaniline	14.17	138	46665	19.01	ng/ul	96
50) Acenaphthene	14.32	153	214360	18.66	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	31101	19.16	ng/ul	98
53) 4-Nitrophenol	14.49	109	37770	20.01	ng/ul	95
54) Dibenzofuran	14.66	168	315663	19.16	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	80616	20.34	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.89	232	70069	20.38	ng/ul	96
57) Diethylphthalate	15.09	149	262347	19.61	ng/ul	100
59) Fluorene	15.31	166	265301	19.48	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	141811	19.47	ng/ul	97
61) 4-Nitroaniline	15.34	138	48914	18.69	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	51759	18.74	ng/ul	97
65) N-Nitrosodiphenylamine	15.52	169	226823	18.44	ng/ul	100
66) 4-Bromophenyl-phenylether	16.20	248	87064	19.02	ng/ul	98
67) Hexachlorobenzene	16.31	284	95283	19.02	ng/ul	98
68) Atrazine	16.47	200	91862	19.36	ng/ul	98
69) Pentachlorophenol	16.66	266	47406	18.45	ng/ul	94
70) Phenanthrene	17.04	178	413422	18.55	ng/ul	99
72) Anthracene	17.14	178	426192	18.70	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	113542	17.39	ng/uL	97
74) Pentachlorobenzene	14.57	250	109216	17.92	ng/uL	98
75) Carbazole	17.42	167	360824	18.54	ng/ul	98
76) Di-n-butylphthalate	17.97	149	444856	19.17	ng/ul	99
77) Fluoranthene	19.07	202	489380	19.01	ng/ul	99
80) Pvrene	19.44	202	506152	19.97	ng/ul	98
81) Butylbenzylphthalate	20.34	149	195117	20.16	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	150855	18.29	ng/ul	98
83) Benzo(a)anthracene	21.19	228	490151	18.98	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	278546	18.79	ng/ul	98
85) Chrysene	21.24	228	451186	18.68	ng/ul	100
87) Di-n-octyl phthalate	21.99	149	454070	19.88	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	427455	19.12	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	422223	19.57	ng/ul	99
91) Benzo(a)pyrene	23.32	252	403108	18.68	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	402239	16.18	ng/ul	100
93) Dibenzo(a,h)anthracene	25.63	278	342311	16.08	ng/ul	100
94) Benzo(a,h,i)perylene	26.30	276	329555	15.81	ng/ul	97

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

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