

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002124.D
 Acq On : 29 Jul 2015 14:51
 Operator : TP/UM
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02086

Manual Integrations
 APPROVED

apatel
 7/30/2015 7:49:34 AM

Quant Time: Jul 29 17:17:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	65898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	282760	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	181200	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	427525	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	500539	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	450384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	8532	6.70	ng/uL	-0.01
5) Phenol-d5	6.77	99	90781	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	49019	18.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	77284	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	77442	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	38501	19.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	44653	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	86227	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	97826	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	263023	19.82	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	314521	18.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	43176	19.49	ng/ul	0.00
58) Fluorene-d10	15.25	176	227840	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	47881	18.31	ng/ul	0.00
71) Anthracene-d10	17.10	188	358525	18.79	ng/ul	0.00
79) Pyrene-d10	19.41	212	406320	19.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	412712	18.90	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	9198	6.76	ng/uL 96
4) Benzaldehyde	6.73	77	49696	19.87	ng/ul 94
6) Phenol	6.79	94	92961	19.30	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.02	93	69775	19.26	ng/ul 99
10) 2-Chlorophenol	7.15	128	77508	19.36	ng/ul 96
11) 2-Methylphenol	8.04	108	73873	20.25	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	67876	18.29	ng/ul 96
14) Acetophenone	8.41	105	122954	20.74	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.39	70	60943	21.21	ng/ul 98
16) 4-Methylphenol	8.37	108	80994	20.67	ng/ul 96
17) Hexachloroethane	8.65	117	31641	19.33	ng/ul 97
20) Nitrobenzene	8.79	77	86815	18.41	ng/ul 97
21) Isophorone	9.31	82	165722	19.70	ng/ul 99
23) 2-Nitrophenol	9.50	139	48096	19.71	ng/ul 96
24) 2,4-Dimethylphenol	9.56	107	93271	19.47	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.80	93	97073	18.95	ng/ul# 99
27) 2,4-Dichlorophenol	10.03	162	82398	19.76	ng/ul 97
28) Naphthalene	10.43	128	249770	18.59	ng/ul 99
30) 4-Chloroaniline	10.55	127	100763	20.49	ng/ul 99
31) Hexachlorobutadiene	10.70	225	58525	18.77	ng/ul 95
32) Caprolactam	11.30	113	26154m	22.41	ng/ul
33) 4-Chloro-3-methylphenol	11.68	107	87618	21.17	ng/ul 98
34) 2-Methylnaphthalene	12.05	142	195661	20.02	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	188108	20.02	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	114075	18.10	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	56331	15.68	ng/ul	95
39) 2,4,6-Trichlorophenol	12.67	196	72005	19.47	ng/ul	97
40) 2,4,5-Trichlorophenol	12.75	196	78078	19.53	ng/ul	98
41) 1,1'-Biphenyl	13.08	154	254200	18.20	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	198001	18.24	ng/ul	98
43) 2-Nitroaniline	13.34	65	52493	19.40	ng/ul	96
45) Dimethylphthalate	13.72	163	258116	19.48	ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	54033	20.04	ng/ul	95
48) Acenaphthylene	13.97	152	323568	18.90	ng/ul	99
49) 3-Nitroaniline	14.17	138	47018	19.60	ng/ul	92
50) Acenaphthene	14.32	153	211341	18.83	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	28181	17.76	ng/ul	96
53) 4-Nitrophenol	14.49	109	37646	20.41	ng/ul	94
54) Dibenzofuran	14.66	168	308603	19.17	ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	80165	20.70	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.89	232	67760	20.17	ng/ul	99
57) Diethylphthalate	15.09	149	256895	19.65	ng/ul	99
59) Fluorene	15.31	166	258954	19.46	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.30	204	137901	19.38	ng/ul	98
61) 4-Nitroaniline	15.34	138	51365	20.08	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	48768	17.77	ng/ul#	91
65) N-Nitrosodiphenylamine	15.52	169	226454	18.53	ng/ul	98
66) 4-Bromophenyl-phenylether	16.20	248	85246	18.74	ng/ul	100
67) Hexachlorobenzene	16.31	284	94060	18.90	ng/ul	98
68) Atrazine	16.47	200	89792	19.05	ng/ul	99
69) Pentachlorophenol	16.66	266	44586	17.46	ng/ul	97
70) Phenanthrene	17.04	178	411677	18.59	ng/ul	99
72) Anthracene	17.14	178	420739	18.59	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	111213	17.14	ng/uL	99
74) Pentachlorobenzene	14.57	250	108881	17.98	ng/uL	97
75) Carbazole	17.42	167	364369	18.84	ng/ul	99
76) Di-n-butylphthalate	17.97	149	443368	19.23	ng/ul	100
77) Fluoranthene	19.07	202	496814	19.43	ng/ul	100
80) Pvrene	19.44	202	520117	19.10	ng/ul	98
81) Butylbenzylphthalate	20.34	149	201963	19.41	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	163434	18.44	ng/ul	99
83) Benzo(a)anthracene	21.19	228	530159	19.11	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	298006	18.71	ng/ul	99
85) Chrysene	21.24	228	491699	18.94	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	515326	19.93	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	486869	19.24	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	469269	19.22	ng/ul	99
91) Benzo(a)pyrene	23.31	252	457095	18.71	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	448693	15.94	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	382378	15.87	ng/ul	99
94) Benzo(a,h,i)perylene	26.29	276	355748	15.08	ng/ul	98

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

