Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
Data File : BM008856.D
Acq On : 25 Jan 2017 01:53
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
mohammad
1/25/2017 3:46:28 PM

Quant Time: Jan 25 04:13:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 03:34:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	66732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	287035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	234923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	543334	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	642421	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	541363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	11845	8.77	ng/uL	0.00
5) Phenol-d5	7.08	99	118588	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	100779	22.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	77374	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	89916	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	39888	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	45082	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	99485	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	105712	20.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	336134	21.84	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	400290	21.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	51379	19.96	ng/ul	0.00
57) Fluorene-d10	15.56	176	313893	21.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	60150	18.59	ng/ul	0.00
70) Anthracene-d10	17.42	188	515883	21.71	ng/ul	0.00
76) Pyrene-d10	19.70	212	597169	21.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	502735	21.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	14221	8.69	ng/uL#	29
4) Benzaldehyde	7.08	77	118891	25.57	ng/ul#	68
6) Phenol	7.11	94	127813	20.74	ng/ul#	47
8) Bis(2-Chloroethyl)ether	7.36	93	96114	20.82	ng/ul#	69
10) 2-Chlorophenol	7.49	128	84028	22.09	ng/ul#	69
11) 2-Methylphenol	8.36	108	92110	20.84	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.46	45	182991	21.09	ng/ul#	91
14) Acetophenone	8.76	105	169762	20.93	ng/ul#	61
15) N-Nitroso-di-n-propylamine	8.74	70	109281	20.67	ng/ul#	62
16) 4-Methylphenol	8.69	108	100468	21.10	ng/ul	98
17) Hexachloroethane	9.02	117	49931	21.28	ng/ul	94
20) Nitrobenzene	9.14	77	176890	21.98	ng/ul#	84
21) Isophorone	9.66	82	273757	21.07	ng/ul#	89
23) 2-Nitrophenol	9.85	139	48247	20.95	ng/ul#	16
24) 2,4-Dimethylphenol	9.90	107	142421	21.69	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.14	93	140940	21.77	ng/ul	95
27) 2,4-Dichlorophenol	10.37	162	99909	21.88	ng/ul	93
28) Naphthalene	10.79	128	281411	21.24	ng/ul	98
30) 4-Chloroaniline	10.90	127	117031	22.57	ng/ul	93
31) Hexachlorobutadiene	11.06	225	98869	22.39	ng/ul	94
32) Caprolactam	11.68	113	28125m	20.03	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	124088	20.95	ng/ul#	90
34) 2-Methylnaphthalene	12.39	142	226631	21.06	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.76	216	154117	21.36	ng/ul#	93
37) Hexachlorocyclopentadiene	12.73	237	115432	20.69	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.00	196	94538	21.70	ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	99840	21.34	ng/ul	94
40) 1,1'-Biphenyl	13.40	154	322024	22.18	ng/ul	97
41) 2-Chloronaphthalene	13.45	162	249529	21.84	ng/ul	92
42) 2-Nitroaniline	13.65	65	127243	22.44	ng/ul#	63
44) Dimethylphthalate	14.02	163	322671	20.97	ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	61170	20.75	ng/ul#	42
47) Acenaphthylene	14.29	152	384000	21.88	ng/ul	98
48) 3-Nitroaniline	14.47	138	61474	22.05	ng/ul#	65
49) Acenaphthene	14.63	153	267490	21.67	ng/ul	98
50) 2,4-Dinitrophenol	14.68	184	34485	16.29	ng/ul#	28
52) 4-Nitrophenol	14.77	109	107649	20.28	ng/ul#	66
53) Dibenzofuran	14.97	168	407558	21.47	ng/ul	88
54) 2,4-Dinitrotoluene	14.93	165	96748	21.38	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.19	232	100561	21.40	ng/ul#	92
56) Diethylphthalate	15.38	149	358271	21.41	ng/ul	94
58) Fluorene	15.62	166	339708	21.42	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	200349	21.81	ng/ul	91
60) 4-Nitroaniline	15.63	138	68285	21.97	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.69	198	66076	19.74	ng/ul#	54
64) N-Nitrosodiphenylamine	15.82	169	299639	21.80	ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	131837	22.35	ng/ul	92
66) Hexachlorobenzene	16.62	284	138340	21.62	ng/ul#	89
67) Atrazine	16.77	200	129812	20.63	ng/ul	94
68) Pentachlorophenol	16.96	266	85752	20.42	ng/ul	96
69) Phenanthrene	17.36	178	574692	21.47	ng/ul	99
71) Anthracene	17.45	178	596455	21.79	ng/ul	98
72) Carbazole	17.72	167	512837	21.36	ng/ul	98
73) Di-n-butylphthalate	18.27	149	605606	20.97	ng/ul#	96
74) Fluoranthene	19.37	202	717961	20.64	ng/ul#	96
77) Pyrene	19.73	202	752017	21.82	ng/ul#	94
78) Butylbenzylphthalate	20.62	149	271126	21.13	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.40	252	261514	21.77	ng/ul	95
80) Benzo(a)anthracene	21.47	228	744258	21.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.38	149	373910	20.97	ng/ul	98
82) Chrysene	21.52	228	681924	21.23	ng/ul	96
84) Di-n-octyl phthalate	22.29	149	613744	19.53	ng/ul#	82
85) Benzo(b)fluoranthene	23.13	252	697651	22.18	ng/ul#	98
86) Benzo(k)fluoranthene	23.17	252	637499	21.34	ng/ul#	98
88) Benzo(a)pyrene	23.74	252	633742	21.96	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.26	276	671473	23.18	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.27	278	565019	22.53	ng/ul#	95
91) Benzo(g,h,i)perylene	27.00	276	555178	23.57	ng/ul#	93

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

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