Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012316.D
Acq On : 20 Oct 2017 13:04
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
Sohil
10/23/2017 3:52:55 PM

Quant Time: Oct 23 01:13:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 23:09:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	201437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	913798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	598745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1424405	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1591214	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1470747	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	32953	7.77	ng/uL	0.00
5) Phenol-d5	6.95	99	313347	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	196117	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	270207	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	282967	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	130076	18.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	159097	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	305064	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	364943	25.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1043636	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1222496	19.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	116535	14.65	ng/ul	0.00
57) Fluorene-d10	15.42	176	842959	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	148500	15.19	ng/ul	0.00
70) Anthracene-d10	17.28	188	1341557	19.05	ng/ul	0.00
76) Pyrene-d10	19.58	212	1526516	18.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1394825	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	32728	7.567	ng/uL#	84
4) Benzaldehyde	6.92	77	217380	19.904	ng/ul	98
6) Phenol	6.98	94	328436	19.439	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.20	93	249832	19.404	ng/ul	91
10) 2-Chlorophenol	7.34	128	272909	19.288	ng/ul	95
11) 2-Methylphenol	8.23	108	251629	19.802	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.31	45	329742	20.169	ng/ul	95
14) Acetophenone	8.61	105	436001	20.388	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.58	70	246940	21.545	ng/ul#	88
16) 4-Methylphenol	8.56	108	288055	20.571	ng/ul	99
17) Hexachloroethane	8.84	117	117537	19.687	ng/ul	86
20) Nitrobenzene	8.99	77	333868	19.270	ng/ul	98
21) Isophorone	9.51	82	658997	20.359	ng/ul	96
23) 2-Nitrophenol	9.70	139	167775	19.201	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	353424	20.070	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.99	93	374124	19.711	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	297506	19.414	ng/ul	96
28) Naphthalene	10.62	128	903294	19.106	ng/ul	98
30) 4-Chloroaniline	10.75	127	364807	25.480	ng/ul	99
31) Hexachlorobutadiene	10.89	225	213172	18.769	ng/ul	99
32) Caprolactam	11.55	113	101130	20.904	ng/ul	89
33) 4-Chloro-3-methylphenol	11.89	107	329702	20.535	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	706944	19.815	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.61	216	386098	17.764	ng/ul#	97
37) Hexachlorocyclopentadiene	12.58	237	175571	18.124	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	261614	18.154	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	264878	17.860	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	947188	18.744	ng/ul#	98
41) 2-Chloronaphthalene	13.30	162	738570	18.627	ng/ul	96
42) 2-Nitroaniline	13.52	65	222007	20.124	ng/ul	88
44) Dimethylphthalate	13.89	163	1031628	19.458	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	206002	19.575	ng/ul	91
47) Acenaphthylene	14.15	152	1208046	19.205	ng/ul	99
48) 3-Nitroaniline	14.36	138	179883	21.970	ng/ul	87
49) Acenaphthene	14.49	153	814686	19.228	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	95399	15.964	ng/ul#	86
52) 4-Nitrophenol	14.69	109	112585	15.747	ng/ul	95
53) Dibenzofuran	14.83	168	1183752	19.403	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	311524	20.425	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.07	232	240904	17.750	ng/ul#	84
56) Diethylphthalate	15.25	149	1088373	18.991	ng/ul	97
58) Fluorene	15.48	166	977733	19.297	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	507405	19.063	ng/ul	95
60) 4-Nitroaniline	15.52	138	176655m	17.474	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.59	198	153553	14.879	ng/ul#	89
64) N-Nitrosodiphenylamine	15.69	169	837432	18.783	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	318048	18.653	ng/ul	96
66) Hexachlorobenzene	16.49	284	363027	18.794	ng/ul	97
67) Atrazine	16.64	200	356140	19.104	ng/ul	97
68) Pentachlorophenol	16.84	266	161093	14.953	ng/ul	97
69) Phenanthrene	17.22	178	1546757	19.089	ng/ul	99
71) Anthracene	17.31	178	1609385	19.185	ng/ul	100
72) Carbazole	17.59	167	1349214	19.004	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1900299	19.279	ng/ul	99
74) Fluoranthene	19.24	202	1878633	19.211	ng/ul#	96
77) Pyrene	19.61	202	1967066	18.719	ng/ul#	95
78) Butylbenzylphthalate	20.49	149	903166	19.307	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.28	252	632858	19.984	ng/ul	99
80) Benzo(a)anthracene	21.35	228	1921728	18.560	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1333781	19.002	ng/ul#	95
82) Chrysene	21.40	228	1787925	18.393	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2301186	21.401	ng/ul#	94
85) Benzo(b)fluoranthene	22.97	252	1873191	19.517	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	1846196	19.960	ng/ul#	99
88) Benzo(a)pyrene	23.56	252	1734171	19.170	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	1608983	16.749	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.01	278	1351464	16.735	ng/ul#	98
91) Benzo(g,h,i)perylene	26.74	276	1275615	16.213	ng/ul#	95

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

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