Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014517.D
Acq On : 12 Mar 2018 13:35
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
Sohil
3/13/2018 4:23:39 PM

Quant Time: Mar 12 18:53:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 10 03:09:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	63677	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.25	136	274310	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.14	164	168059	20.00	ng/ul	-0.03
61) Phenanthrene-d10	16.91	188	390903	20.00	ng/ul	-0.04
75) Chrysene-d12	21.13	240	384993	20.00	ng/ul	-0.03
83) Perylene-d12	23.30	264	320764	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	7754	5.21	ng/uL	-0.04
5) Phenol-d5	6.69	99	97111	18.04	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	6.83	67	60716	18.64	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.02	132	80949	19.62	ng/ul	-0.04
13) 4-Methylphenol-d8	8.21	113	83827	17.80	ng/ul	-0.04
19) Nitrobenzene-d5	8.65	128	40122	19.79	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.36	143	44067	21.00	ng/ul	-0.04
26) 2,4-Dichlorophenol-d3	9.90	165	85452	19.66	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.42	131	94163	21.99	ng/ul	-0.04
43) Dimethylphthalate-d6	13.57	166	289035	20.83	ng/ul	-0.03
46) Acenaphthylene-d8	13.83	160	357504	20.89	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.47	143	50311m	26.26	ng/ul	-0.03
57) Fluorene-d10	15.15	176	236061	18.99	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.33	200	44410	18.94	ng/ul	-0.04
70) Anthracene-d10	17.01	188	370916	19.67	ng/ul	-0.03
76) Pyrene-d10	19.32	212	405514	20.42	ng/ul	-0.03
87) Benzo(a)pyrene-d12	23.16	264	319000	20.43	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	10258m	6.207	ng/uL	
4) Benzaldehyde	6.65	77	44539	20.298	ng/ul	94
6) Phenol	6.72	94	97741	17.307	ng/ul#	94
8) Bis(2-Chloroethyl)ether	6.93	93	75068	18.320	ng/ul	93
10) 2-Chlorophenol	7.05	128	79451	18.857	ng/ul	95
11) 2-Methylphenol	7.95	108	72600	16.807	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	75482	18.254	ng/ul#	70
14) Acetophenone	8.31	105	140053	17.238	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.29	70	77886	19.130	ng/ul#	72
16) 4-Methylphenol	8.28	108	84768	18.008	ng/ul	99
17) Hexachloroethane	8.52	117	41180	18.761	ng/ul#	68
20) Nitrobenzene	8.69	77	123382	20.580	ng/ul	94
21) Isophorone	9.20	82	202790	19.775	ng/ul	99
23) 2-Nitrophenol	9.39	139	45861	20.181	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	109913	19.729	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.69	93	104914	19.423	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	77477	18.790	ng/ul	90
28) Naphthalene	10.30	128	278805	19.789	ng/ul	99
30) 4-Chloroaniline	10.45	127	91648	20.990	ng/ul	99
31) Hexachlorobutadiene	10.56	225	67170	20.533	ng/ul	92
32) Caprolactam	11.26	113	22839m	17.294	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	94702	19.008	ng/ul	96
34) 2-Methylnaphthalene	11.93	142	203391	18.967	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.31	216	113099	20.965	ng/ul#	96
37) Hexachlorocyclopentadiene	12.26	237	41889	14.268	ng/ul	88
38) 2,4,6-Trichlorophenol	12.57	196	71072	21.116	ng/ul	95
39) 2,4,5-Trichlorophenol	12.67	196	74273	21.594	ng/ul	94
40) 1,1'-Biphenyl	12.96	154	275394	21.272	ng/ul	98
41) 2-Chloronaphthalene	13.00	162	217843	21.065	ng/ul	94
42) 2-Nitroaniline	13.25	65	71391	20.402	ng/ul	94
44) Dimethylphthalate	13.62	163	278587	20.356	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	51435	19.782	ng/ul#	51
47) Acenaphthylene	13.86	152	332267	20.541	ng/ul	100
48) 3-Nitroaniline	14.10	138	44315	20.109	ng/ul	85
49) Acenaphthene	14.21	153	229291	20.131	ng/ul	96
50) 2,4-Dinitrophenol	14.34	184	35413	25.324	ng/ul#	61
52) 4-Nitrophenol	14.46	109	55703m	22.173	ng/ul	
53) Dibenzofuran	14.55	168	332682	19.479	ng/ul	89
54) 2,4-Dinitrotoluene	14.57	165	83380	20.015	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.80	232	63284	18.194	ng/ul#	75
56) Diethylphthalate	14.99	149	299564	19.643	ng/ul	94
58) Fluorene	15.20	166	273316	18.537	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.20	204	148938	19.313	ng/ul#	89
60) 4-Nitroaniline	15.27	138	38771	15.688	ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.34	198	45605	19.108	ng/ul#	85
64) N-Nitrosodiphenylamine	15.43	169	227718	20.272	ng/ul	97
65) 4-Bromophenyl-phenylether	16.10	248	89441	20.505	ng/ul#	85
66) Hexachlorobenzene	16.21	284	96251	20.983	ng/ul#	73
67) Atrazine	16.39	200	93378	21.048	ng/ul	94
68) Pentachlorophenol	16.59	266	41971m	17.461	ng/ul	
69) Phenanthrene	16.95	178	447731	19.880	ng/ul	98
71) Anthracene	17.04	178	441639	19.498	ng/ul	98
72) Carbazole	17.33	167	353823	18.577	ng/ul	98
73) Di-n-butylphthalate	17.89	149	487582	19.844	ng/ul	97
74) Fluoranthene	18.99	202	510441	18.970	ng/ul#	97
77) Pyrene	19.35	202	504798	19.730	ng/ul#	96
78) Butylbenzylphthalate	20.26	149	219434	20.743	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.06	252	148869	21.994	ng/ul#	98
80) Benzo(a)anthracene	21.11	228	473866	19.722	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.04	149	307298	20.282	ng/ul#	93
82) Chrysene	21.17	228	431482	19.250	ng/ul	99
84) Di-n-octyl phthalate	21.90	149	491279	17.848	ng/ul#	89
85) Benzo(b)fluoranthene	22.65	252	425307	19.802	ng/ul	98
86) Benzo(k)fluoranthene	22.69	252	395574m	19.372	ng/ul	
88) Benzo(a)pyrene	23.20	252	375674	19.574	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.44	276	425118	22.826	ng/ul	97
90) Dibenzo(a,h)anthracene	25.45	278	353315	22.831	ng/ul#	98
91) Benzo(g,h,i)perylene	26.11	276	341148	22.612	ng/ul	96

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

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