Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
Data File : BM014886.D
Acq On : 01 May 2018 02:45
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02007

Quant Time: May 01 03:45:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 03:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	429455	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1757655	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	858860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1679032	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1602424	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1647334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	78759	8.01	ng/uL	0.00
5) Phenol-d5	7.62	99	721465	21.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	481728	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	590830	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	561822	21.22	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	261516	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	262649	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	514944	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	680192	26.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1307297	19.50	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1714094	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	228962	18.40	ng/ul	0.00
57) Fluorene-d10	16.08	176	1121765	19.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	159992	17.61	ng/ul	0.00
70) Anthracene-d10	17.91	188	1568002	20.04	ng/ul	0.00
76) Pyrene-d10	20.15	212	1551555	20.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1623972	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	85954	8.306	ng/uL#	81
4) Benzaldehyde	7.62	77	462580	26.487	ng/ul	90
6) Phenol	7.65	94	710958	21.765	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.89	93	568498	21.765	ng/ul#	87
10) 2-Chlorophenol	8.05	128	580856	21.237	ng/ul	94
11) 2-Methylphenol	8.93	108	509932	21.239	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1120553	23.206	ng/ul	97
14) Acetophenone	9.33	105	828834	21.364	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.31	70	433881	21.551	ng/ul#	83
16) 4-Methylphenol	9.26	108	548745	21.239	ng/ul	95
17) Hexachloroethane	9.60	117	232369	20.771	ng/ul#	63
20) Nitrobenzene	9.72	77	656013	21.610	ng/ul	96
21) Isophorone	10.25	82	1083331	20.867	ng/ul#	94
23) 2-Nitrophenol	10.44	139	291269	21.187	ng/ul#	76
24) 2,4-Dimethylphenol	10.48	107	601476	20.708	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.72	93	720551	20.646	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	487661	19.864	ng/ul#	90
28) Naphthalene	11.39	128	1719652	20.077	ng/ul	99
30) 4-Chloroaniline	11.49	127	655629	26.612	ng/ul	93
31) Hexachlorobutadiene	11.66	225	293624	18.587	ng/ul	95
32) Caprolactam	12.25	113	128431	18.157	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.57	107	501346	20.189	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	1169895	19.669	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.32	216	530070	19.688	ng/ul#	96
37) Hexachlorocyclopentadiene	13.29	237	356596	19.225	ng/ul	100
38) 2,4,6-Trichlorophenol	13.54	196	342406	20.590	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	359361	20.232	ng/ul	97
40) 1,1'-Biphenyl	13.94	154	1426340	20.652	ng/ul#	97
41) 2-Chloronaphthalene	14.00	162	1103920	20.583	ng/ul	98
42) 2-Nitroaniline	14.19	65	324051	22.832	ng/ul	98
44) Dimethylphthalate	14.54	163	1269955	19.595	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	248111	20.873	ng/ul	92
47) Acenaphthylene	14.83	152	1646724	20.531	ng/ul	99
48) 3-Nitroaniline	15.00	138	257261	21.994	ng/ul	87
49) Acenaphthene	15.16	153	1154052	20.246	ng/ul	100
50) 2,4-Dinitrophenol	15.20	184	91393	13.847	ng/ul#	91
52) 4-Nitrophenol	15.27	109	177476	19.792	ng/ul#	86
53) Dibenzofuran	15.49	168	1568920	19.821	ng/ul	100
54) 2,4-Dinitrotoluene	15.44	165	347562	19.846	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.71	232	284637	18.886	ng/ul#	83
56) Diethylphthalate	15.88	149	1250384	19.166	ng/ul	93
58) Fluorene	16.13	166	1225114	19.168	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.12	204	598267	18.701	ng/ul	92
60) 4-Nitroaniline	16.14	138	259935	19.049	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.20	198	170119	18.020	ng/ul	91
64) N-Nitrosodiphenylamine	16.33	169	1030295	21.159	ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	354113	19.969	ng/ul#	90
66) Hexachlorobenzene	17.12	284	415106	20.148	ng/ul#	90
67) Atrazine	17.25	200	325301	20.922	ng/ul#	91
68) Pentachlorophenol	17.46	266	217213	18.538	ng/ul	99
69) Phenanthrene	17.86	178	1801385	19.977	ng/ul	99
71) Anthracene	17.94	178	1845848	20.171	ng/ul	99
72) Carbazole	18.20	167	1586625	20.324	ng/ul	98
73) Di-n-butylphthalate	18.73	149	1941293	20.449	ng/ul#	97
74) Fluoranthene	19.82	202	1900011	19.327	ng/ul#	80
77) Pyrene	20.18	202	1951387	20.842	ng/ul#	79
78) Butylbenzylphthalate	21.02	149	831485	21.768	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.80	252	658880	21.552	ng/ul#	94
80) Benzo(a)anthracene	21.89	228	1882615	20.091	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1185403	21.143	ng/ul#	95
82) Chrysene	21.94	228	1758951	20.051	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	1960697	20.694	ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	1960090	20.184	ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	1823043	19.523	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1822760	19.788	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.95	276	2246558	20.160	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.96	278	1902642	20.278	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1839911	20.069	ng/ul#	89

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

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