Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014817.D
Acq On : 24 Apr 2018 19:37
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02098

Quant Time: Apr 25 12:39:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	276698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1240152	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	714478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1646473	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1854456	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1989628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	47122	7.44	ng/uL	0.00
5) Phenol-d5	7.65	99	464682	21.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	303781	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	373157	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	381227	22.35	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	180023	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	182990	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	359063	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	501854	28.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1130540	20.27	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1374407	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	223919	21.63	ng/ul	0.00
57) Fluorene-d10	16.10	176	981011	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	150909	16.94	ng/ul	0.00
70) Anthracene-d10	17.93	188	1519247	19.80	ng/ul	0.00
76) Pyrene-d10	20.17	212	1658674	18.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1900997	19.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	52553	7.882	ng/uL#	76
4) Benzaldehyde	7.64	77	296577	26.357	ng/ul	89
6) Phenol	7.67	94	464187	22.056	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.92	93	361591	21.486	ng/ul	89
10) 2-Chlorophenol	8.07	128	372842	21.158	ng/ul	96
11) 2-Methylphenol	8.96	108	338302	21.869	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.05	45	697840	22.430	ng/ul	96
14) Acetophenone	9.36	105	566131	22.648	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	296859	22.885	ng/ul#	82
16) 4-Methylphenol	9.29	108	370996	22.287	ng/ul	93
17) Hexachloroethane	9.63	117	145521	20.189	ng/ul#	65
20) Nitrobenzene	9.75	77	436923	20.399	ng/ul	94
21) Isophorone	10.27	82	771004	21.048	ng/ul#	93
23) 2-Nitrophenol	10.47	139	196744	20.283	ng/ul#	75
24) 2,4-Dimethylphenol	10.50	107	418207	20.407	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.75	93	497048	20.185	ng/ul	95
27) 2,4-Dichlorophenol	11.00	162	346386	19.997	ng/ul#	91
28) Naphthalene	11.42	128	1190639	19.702	ng/ul	100
30) 4-Chloroaniline	11.52	127	477923	27.494	ng/ul	94
31) Hexachlorobutadiene	11.69	225	203094	18.221	ng/ul	95
32) Caprolactam	12.27	113	118149	23.674	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.60	107	384734	21.958	ng/ul	93
34) 2-Methylnaphthalene	12.99	142	848106	20.209	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.35	216	403864	18.031	ng/ul#	96
37) Hexachlorocyclopentadiene	13.32	237	221966	14.385	ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	273785	19.791	ng/ul	96
39) 2,4,5-Trichlorophenol	13.65	196	291141	19.704	ng/ul	98
40) 1,1'-Biphenyl	13.97	154	1100689	19.158	ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	855236	19.168	ng/ul	97
42) 2-Nitroaniline	14.21	65	263661	22.331	ng/ul	96
44) Dimethylphthalate	14.56	163	1091692	20.248	ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	209465	21.182	ng/ul#	92
47) Acenaphthylene	14.86	152	1335520	20.016	ng/ul	99
48) 3-Nitroaniline	15.02	138	232332	23.876	ng/ul	90
49) Acenaphthene	15.19	153	932757	19.671	ng/ul	100
50) 2,4-Dinitrophenol	15.22	184	92254	16.802	ng/ul	94
52) 4-Nitrophenol	15.30	109	171093	22.936	ng/ul#	81
53) Dibenzofuran	15.52	168	1314600	19.965	ng/ul	100
54) 2,4-Dinitrotoluene	15.46	165	316161	21.701	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.73	232	254371	20.289	ng/ul#	84
56) Diethylphthalate	15.90	149	1127750	20.780	ng/ul	93
58) Fluorene	16.16	166	1070533	20.135	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.14	204	526346	19.778	ng/ul	94
60) 4-Nitroaniline	16.16	138	251976	22.198	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	16.22	198	160116	17.296	ng/ul	97
64) N-Nitrosodiphenylamine	16.34	169	928186	19.439	ng/ul	100
65) 4-Bromophenyl-phenylether	17.03	248	326245	18.761	ng/ul	95
66) Hexachlorobenzene	17.14	284	382782	18.946	ng/ul#	90
67) Atrazine	17.27	200	332724	21.822	ng/ul#	94
68) Pentachlorophenol	17.48	266	223419	19.444	ng/ul	98
69) Phenanthrene	17.88	178	1728853	19.552	ng/ul	99
71) Anthracene	17.97	178	1773191	19.760	ng/ul	99
72) Carbazole	18.23	167	1593825	20.820	ng/ul	99
73) Di-n-butylphthalate	18.75	149	1958378	21.037	ng/ul#	97
74) Fluoranthene	19.84	202	1996818	20.713	ng/ul#	83
77) Pyrene	20.20	202	2026871	18.706	ng/ul#	81
78) Butylbenzylphthalate	21.04	149	924993	20.925	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.83	252	745709	21.077	ng/ul#	95
80) Benzo(a)anthracene	21.91	228	2162713	19.943	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.79	149	1342476	20.690	ng/ul#	96
82) Chrysene	21.96	228	2000746	19.708	ng/ul	99
84) Di-n-octyl phthalate	22.74	149	2857520	24.971	ng/ul#	95
85) Benzo(b)fluoranthene	23.65	252	2294178	19.560	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	2093803	18.565	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	2145146	19.281	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	2709914	20.134	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.00	278	2289656	20.204	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	2211162	19.969	ng/ul#	89

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

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