Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011964.D
Acq On : 07 Oct 2017 05:42
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02028

Quant Time: Oct 07 06:39:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	233782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	948817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	525521	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1149277	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1242503	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1332331	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	42497	8.60	ng/uL	0.00
5) Phenol-d5	7.02	99	380441	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	232058	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	342841	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	315318	18.14	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	152026	22.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	178340	23.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	327431	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	385879	22.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	934015	20.51	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1164820	21.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	138033	17.35	ng/ul	0.00
57) Fluorene-d10	15.49	176	806146	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	141923	18.35	ng/ul	0.00
70) Anthracene-d10	17.34	188	1206453	21.30	ng/ul	0.00
76) Pyrene-d10	19.63	212	1329615	23.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1348919	21.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	43218	8.60	ng/uL#	70
4) Benzaldehyde	7.00	77	222556	22.20	ng/ul	88
6) Phenol	7.05	94	375586	18.87	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	294481	19.70	ng/ul	95
10) 2-Chlorophenol	7.42	128	328413	20.83	ng/ul	99
11) 2-Methylphenol	8.30	108	281059	18.57	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	374824	19.61	ng/ul#	87
14) Acetophenone	8.68	105	468293	18.41	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.66	70	247478	19.01	ng/ul#	71
16) 4-Methylphenol	8.63	108	310346	18.32	ng/ul	94
17) Hexachloroethane	8.93	117	138910	21.96	ng/ul	84
20) Nitrobenzene	9.06	77	355595	21.78	ng/ul	96
21) Isophorone	9.59	82	634778	20.85	ng/ul	94
23) 2-Nitrophenol	9.77	139	179722	22.47	ng/ul#	78
24) 2,4-Dimethylphenol	9.83	107	353254	20.59	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.07	93	389798	20.85	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	312842	21.08	ng/ul#	88
28) Naphthalene	10.71	128	987633	20.75	ng/ul	100
30) 4-Chloroaniline	10.82	127	366523	22.26	ng/ul	95
31) Hexachlorobutadiene	10.99	225	242174	22.24	ng/ul	96
32) Caprolactam	11.60	113	85946	17.66	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.95	107	309601	19.19	ng/ul	93
34) 2-Methylnaphthalene	12.32	142	715508	19.71	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	404406	22.68	ng/ul	95
37) Hexachlorocyclopentadiene	12.66	237	171061	16.49	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	259226	22.89	ng/ul	96
39) 2,4,5-Trichlorophenol	13.00	196	267824	22.47	ng/ul	96
40) 1,1'-Biphenyl	13.33	154	915866	21.80	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	721290	21.94	ng/ul	99
42) 2-Nitroaniline	13.59	65	190199	22.79	ng/ul	92
44) Dimethylphthalate	13.95	163	897793	20.49	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	178773	21.64	ng/ul	89
47) Acenaphthylene	14.22	152	1117155	21.53	ng/ul	100
48) 3-Nitroaniline	14.41	138	161383	21.03	ng/ul	88
49) Acenaphthene	14.57	153	752219	20.95	ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	85035	15.57	ng/ul	98
52) 4-Nitrophenol	14.72	109	119426	18.78	ng/ul#	80
53) Dibenzofuran	14.90	168	1061991	20.38	ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	252117	20.64	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.13	232	239611	20.59	ng/ul	91
56) Diethylphthalate	15.32	149	881871	19.83	ng/ul	96
58) Fluorene	15.55	166	867105	19.92	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	455025	19.77	ng/ul	98
60) 4-Nitroaniline	15.57	138	170058	19.02	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.63	198	144966	18.35	ng/ul	92
64) N-Nitrosodiphenylamine	15.76	169	729278	21.97	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	281211	21.84	ng/ul	95
66) Hexachlorobenzene	16.55	284	303568	21.09	ng/ul#	91
67) Atrazine	16.70	200	274942	20.92	ng/ul	93
68) Pentachlorophenol	16.90	266	180426	19.93	ng/ul	98
69) Phenanthrene	17.29	178	1303861	20.62	ng/ul	99
71) Anthracene	17.38	178	1346304	20.93	ng/ul	99
72) Carbazole	17.65	167	1120502	20.11	ng/ul	99
73) Di-n-butylphthalate	18.20	149	1454052	21.78	ng/ul#	97
74) Fluoranthene	19.30	202	1554096	20.15	ng/ul#	89
77) Pyrene	19.66	202	1624178	23.58	ng/ul#	89
78) Butylbenzylphthalate	20.54	149	673899	24.97	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.33	252	484073	20.93	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	1593932	22.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	982213	24.46	ng/ul#	97
82) Chrysene	21.46	228	1485707	21.97	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1677813	21.56	ng/ul	98
85) Benzo(b)fluoranthene	23.04	252	1627581	20.10	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	1678500	20.76	ng/ul#	97
88) Benzo(a)pyrene	23.64	252	1659278	21.32	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.11	276	1952332	23.45	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.12	278	1630952	23.84	ng/ul#	96
91) Benzo(g,h,i)perylene	26.84	276	1654500	24.02	ng/ul#	93

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

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