Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011914.D
Acq On : 05 Oct 2017 05:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
10/5/2017 6:18:06 PM

Quant Time: Oct 05 08:06:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 07:08:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	356146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1620598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1006721	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2279775	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1874701	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1601098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	53134	7.06	ng/uL	0.00
5) Phenol-d5	7.03	99	573426	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	344492	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	498427	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	499336	18.85	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	240458	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	279245	21.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	539005	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	632597	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1623022	18.60	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2034799	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	264015	17.32	ng/ul	0.00
57) Fluorene-d10	15.51	176	1415840	18.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	199620	13.01	ng/ul	0.01
70) Anthracene-d10	17.36	188	2171632	19.33	ng/ul	0.00
76) Pyrene-d10	19.65	212	2217080	26.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1474821	19.15	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	53919	7.047	ng/uL#	69
4) Benzaldehyde	7.02	77	324681	21.264	ng/ul	89
6) Phenol	7.06	94	558670	18.425	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.29	93	429690	18.873	ng/ul	95
10) 2-Chlorophenol	7.44	128	476960	19.856	ng/ul	96
11) 2-Methylphenol	8.32	108	433841	18.813	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.41	45	560268	19.243	ng/ul#	88
14) Acetophenone	8.70	105	732362	18.895	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.69	70	389170	19.621	ng/ul#	69
16) 4-Methylphenol	8.65	108	480347	18.609	ng/ul	92
17) Hexachloroethane	8.95	117	192337	19.957	ng/ul#	79
20) Nitrobenzene	9.08	77	563503	20.211	ng/ul	94
21) Isophorone	9.61	82	1037583	19.957	ng/ul#	92
23) 2-Nitrophenol	9.79	139	283797	20.773	ng/ul#	77
24) 2,4-Dimethylphenol	9.85	107	562599	19.200	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.09	93	621573	19.469	ng/ul	96
27) 2,4-Dichlorophenol	10.33	162	504016	19.883	ng/ul#	90
28) Naphthalene	10.73	128	1555913	19.139	ng/ul	99
30) 4-Chloroaniline	10.84	127	610471	21.704	ng/ul	96
31) Hexachlorobutadiene	11.00	225	365848	19.671	ng/ul	96
32) Caprolactam	11.62	113	152667m	18.369	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	525302	19.065	ng/ul	92
34) 2-Methylnaphthalene	12.34	142	1192357	19.235	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	681549	19.957 ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	217983	10.967 ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	447264	20.620 ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	471932	20.672 ng/ul	98
40) 1,1'-Biphenyl	13.35	154	1545754	19.205 ng/ul	99
41) 2-Chloronaphthalene	13.40	162	1227306	19.486 ng/ul	99
42) 2-Nitroaniline	13.60	65	340870	21.320 ng/ul	91
44) Dimethylphthalate	13.97	163	1535657	18.295 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	327824	20.714 ng/ul	89
47) Acenaphthylene	14.24	152	1925501	19.368 ng/ul	100
48) 3-Nitroaniline	14.43	138	294347	20.022 ng/ul	88
49) Acenaphthene	14.59	153	1299930	18.896 ng/ul	100
50) 2,4-Dinitrophenol	14.64	184	114690	10.966 ng/ul	97
52) 4-Nitrophenol	14.73	109	211538	17.364 ng/ul#	83
53) Dibenzofuran	14.92	168	1855896	18.588 ng/ul	100
54) 2,4-Dinitrotoluene	14.89	165	459551	19.639 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.14	232	433154	19.428 ng/ul	94
56) Diethylphthalate	15.33	149	1565859	18.379 ng/ul	96
58) Fluorene	15.57	166	1538385	18.451 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	809975	18.369 ng/ul	98
60) 4-Nitroaniline	15.59	138	314525	18.366 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.65	198	207142	13.217 ng/ul#	90
64) N-Nitrosodiphenylamine	15.77	169	1307855	19.859 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	504854	19.770 ng/ul	96
66) Hexachlorobenzene	16.57	284	562912	19.716 ng/ul#	90
67) Atrazine	16.72	200	501182	19.222 ng/ul	94
68) Pentachlorophenol	16.91	266	337135	18.771 ng/ul	97
69) Phenanthrene	17.30	178	2358380	18.806 ng/ul	99
71) Anthracene	17.40	178	2465399	19.322 ng/ul	99
72) Carbazole	17.67	167	2032591	18.390 ng/ul	100
73) Di-n-butylphthalate	18.22	149	2704964	20.424 ng/ul#	97
74) Fluoranthene	19.32	202	2681048	17.522 ng/ul#	90
77) Pyrene	19.68	202	2697235	25.948 ng/ul#	89
78) Butylbenzylphthalate	20.56	149	1174898	28.854 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.35	252	620743	17.786 ng/ul#	96
80) Benzo(a)anthracene	21.42	228	2204680	20.528 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1684837	27.813 ng/ul#	97
82) Chrysene	21.47	228	1996024	19.561 ng/ul	98
84) Di-n-octyl phthalate	22.23	149	2653144	28.364 ng/ul	99
85) Benzo(b)fluoranthene	23.06	252	1915445	19.682 ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1872047	19.268 ng/ul#	97
88) Benzo(a)pyrene	23.66	252	1780675	19.042 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.15	276	2026358	20.249 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.16	278	1682246	20.459 ng/ul#	94
91) Benzo(g,h,i)perylene	26.88	276	1700744	20.546 ng/ul#	93

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

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