Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111416\
Data File : BM007881.D
Acq On : 15 Nov 2016 06:36
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
umangi
11/15/2016 3:08:18 PM

Quant Time: Nov 15 07:12:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 03:45:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	185341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	692678	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	441246	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	858985	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1083281	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	1123938	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	35236	8.15	ng/uL	0.00
5) Phenol-d5	6.91	99	301190	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	178780	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	245379	22.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	234193	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	113605	22.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	123136	23.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	233893	22.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	281152	23.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	640210	21.31	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	788464	21.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	98854	20.81	ng/ul	0.00
57) Fluorene-d10	15.36	176	549421	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	96636	18.94	ng/ul	0.00
70) Anthracene-d10	17.22	188	851335	21.99	ng/ul	0.00
76) Pyrene-d10	19.51	212	967727	21.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1076419	21.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	37227	7.87	ng/uL	95
4) Benzaldehyde	6.89	77	216567	23.94	ng/ul	97
6) Phenol	6.94	94	311291	21.20	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	236832	20.94	ng/ul	99
10) 2-Chlorophenol	7.30	128	244329	21.71	ng/ul	98
11) 2-Methylphenol	8.17	108	229511	21.47	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	261797	20.88	ng/ul	99
14) Acetophenone	8.56	105	365067	20.80	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	187988	21.58	ng/ul	93
16) 4-Methylphenol	8.50	108	242092	21.02	ng/ul	99
17) Hexachloroethane	8.80	117	106779	21.47	ng/ul	98
20) Nitrobenzene	8.93	77	291328	22.72	ng/ul	99
21) Isophorone	9.45	82	492363	22.45	ng/ul	96
23) 2-Nitrophenol	9.63	139	130033	23.55	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	272725	21.65	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	292085	21.77	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	227844	22.27	ng/ul	98
28) Naphthalene	10.56	128	735442	21.82	ng/ul	100
30) 4-Chloroaniline	10.68	127	279663	23.25	ng/ul	98
31) Hexachlorobutadiene	10.84	225	180513	21.65	ng/ul	98
32) Caprolactam	11.46	113	61587m	21.70	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	239790	22.35	ng/ul	95
34) 2-Methylnaphthalene	12.17	142	511616	21.35	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	308720	21.67	ng/ul	98
37) Hexachlorocyclopentadiene	12.52	237	161704	19.28	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	179539	22.66	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	193793	22.33	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	661484	21.26	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	509400	21.40	ng/ul	99
42) 2-Nitroaniline	13.46	65	144856	22.94	ng/ul	98
44) Dimethylphthalate	13.83	163	616818	21.14	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	123526	22.51	ng/ul	100
47) Acenaphthylene	14.09	152	801315	21.85	ng/ul	99
48) 3-Nitroaniline	14.29	138	126813	23.37	ng/ul	91
49) Acenaphthene	14.43	153	536175	21.19	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	63552	18.80	ng/ul	91
52) 4-Nitrophenol	14.60	109	91219	19.36	ng/ul	99
53) Dibenzofuran	14.77	168	773902	21.30	ng/ul	98
54) 2,4-Dinitrotoluene	14.75	165	177635	22.43	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.00	232	167776	21.68	ng/ul#	94
56) Diethylphthalate	15.19	149	607951	21.05	ng/ul	99
58) Fluorene	15.42	166	622282	21.45	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	326215	21.10	ng/ul	99
60) 4-Nitroaniline	15.46	138	115057	21.03	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	99947	18.96	ng/ul#	98
64) N-Nitrosodiphenylamine	15.63	169	530870	21.62	ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	209215	21.35	ng/ul	98
66) Hexachlorobenzene	16.42	284	231479	21.33	ng/ul	96
67) Atrazine	16.59	200	198381	20.97	ng/ul	99
68) Pentachlorophenol	16.77	266	123793	20.35	ng/ul	99
69) Phenanthrene	17.16	178	967524	21.19	ng/ul	100
71) Anthracene	17.25	178	993819	21.37	ng/ul	100
72) Carbazole	17.53	167	868031	21.56	ng/ul	99
73) Di-n-butylphthalate	18.08	149	1003448	22.38	ng/ul	99
74) Fluoranthene	19.17	202	1151186	21.56	ng/ul	98
77) Pyrene	19.54	202	1206693	21.56	ng/ul	99
78) Butylbenzylphthalate	20.44	149	469569	23.58	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.23	252	441844	22.97	ng/ul	99
80) Benzo(a)anthracene	21.29	228	1258871	21.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	699016	23.84	ng/ul	99
82) Chrysene	21.34	228	1200317	21.58	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	1230621	21.60	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	1307188	20.36	ng/ul	99
86) Benzo(k)fluoranthene	22.92	252	1293533	21.89	ng/ul	99
88) Benzo(a)pyrene	23.46	252	1311655	21.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.81	276	1600174	22.08	ng/ul	99
90) Dibenzo(a,h)anthracene	25.82	278	1343702	21.98	ng/ul	100
91) Benzo(g,h,i)perylene	26.51	276	1319349	21.68	ng/ul	99

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

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