Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005380.D
Acq On : 11 May 2016 09:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Manual Integrations APPROVED
sohil
5/12/2016 7:01:17 PM

Quant Time: May 12 03:29:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 02:20:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	100625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	477106	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	305317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	736650	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	814700	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	832126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	16215	7.58	ng/uL	0.00
5) Phenol-d5	6.93	99	186678	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	104693	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	143532	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	155546	20.62	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	74037	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	85005	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	154380	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	207264	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	502473	20.53	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	595621	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	90855	20.34	ng/ul	0.00
57) Fluorene-d10	15.40	176	431674	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	91455	22.07	ng/ul	0.00
70) Anthracene-d10	17.25	188	692797	21.28	ng/ul	0.00
76) Pyrene-d10	19.55	212	790515	21.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	772408	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	29090	7.46	ng/uL	95
4) Benzaldehyde	6.90	77	115615	26.15	ng/ul	98
6) Phenol	6.96	94	195767	20.75	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	142070	20.01	ng/ul	97
10) 2-Chlorophenol	7.33	128	144028	20.43	ng/ul	98
11) 2-Methylphenol	8.20	108	149383	20.49	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	196505	20.40	ng/ul	99
14) Acetophenone	8.58	105	238597	21.35	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	121666	20.84	ng/ul	98
16) 4-Methylphenol	8.53	108	166073	20.53	ng/ul	96
17) Hexachloroethane	8.83	117	55655	20.98	ng/ul	95
20) Nitrobenzene	8.96	77	179794	21.08	ng/ul	98
21) Isophorone	9.48	82	350989	21.20	ng/ul	99
23) 2-Nitrophenol	9.67	139	90715	21.83	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	189843	21.54	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.96	93	204117	19.79	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	155060	21.12	ng/ul	99
28) Naphthalene	10.60	128	487040	20.29	ng/ul	100
30) 4-Chloroaniline	10.71	127	208281	23.67	ng/ul	97
31) Hexachlorobutadiene	10.87	225	94273	21.61	ng/ul	98
32) Caprolactam	11.48	113	56270m	20.57	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	187778	21.33	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	362143	20.17	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	193304	20.81	ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	92798	19.56	ng/ul	95
38) 2,4,6-Trichlorophenol	12.83	196	130050	21.02	ng/ul	94
39) 2,4,5-Trichlorophenol	12.90	196	143782	20.95	ng/ul	97
40) 1,1'-Biphenyl	13.23	154	482410	19.95	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	373119	20.40	ng/ul	98
42) 2-Nitroaniline	13.49	65	126152	22.41	ng/ul	97
44) Dimethylphthalate	13.86	163	503915	20.61	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	107981	22.39	ng/ul#	90
47) Acenaphthylene	14.12	152	628221	20.69	ng/ul	99
48) 3-Nitroaniline	14.32	138	117243	22.81	ng/ul	96
49) Acenaphthene	14.47	153	409340	20.45	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	51232	18.47	ng/ul	98
52) 4-Nitrophenol	14.63	109	81532	21.95	ng/ul	92
53) Dibenzofuran	14.80	168	597341	20.57	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	161123	22.41	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	127003	21.77	ng/ul#	96
56) Diethylphthalate	15.23	149	514402	20.82	ng/ul	99
58) Fluorene	15.46	166	463176	20.40	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	230521	20.49	ng/ul	97
60) 4-Nitroaniline	15.49	138	124597	22.87	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.54	198	95203	21.86	ng/ul#	92
64) N-Nitrosodiphenylamine	15.66	169	427204	21.18	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	153425	21.72	ng/ul	98
66) Hexachlorobenzene	16.46	284	172269	21.75	ng/ul	100
67) Atrazine	16.62	200	169843	23.07	ng/ul	99
68) Pentachlorophenol	16.80	266	94299	21.42	ng/ul	97
69) Phenanthrene	17.19	178	801884	20.70	ng/ul	100
71) Anthracene	17.29	178	815155	21.11	ng/ul	99
72) Carbazole	17.56	167	752941	22.16	ng/ul	99
73) Di-n-butylphthalate	18.12	149	901317	21.75	ng/ul	100
74) Fluoranthene	19.22	202	972076	22.65	ng/ul	97
77) Pyrene	19.58	202	983485	20.81	ng/ul	98
78) Butylbenzylphthalate	20.47	149	446440	22.75	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	323120	22.06	ng/ul	99
80) Benzo(a)anthracene	21.33	228	979327	20.90	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	614678	22.55	ng/ul#	97
82) Chrysene	21.38	228	943969	21.23	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	1127624	23.20	ng/ul	98
85) Benzo(b)fluoranthene	22.93	252	1001915	20.60	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	987950	21.57	ng/ul	99
88) Benzo(a)pyrene	23.51	252	959835	20.86	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	955291	19.03	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	802160	19.10	ng/ul	98
91) Benzo(g,h,i)perylene	26.60	276	785553	18.48	ng/ul	97

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

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