Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050616\
Data File : BM005291.D
Acq On : 07 May 2016 03:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Manual Integrations APPROVED
Sohil
5/9/2016 7:18:20 PM

Quant Time: May 07 07:04:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 00:48:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	402609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	263085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	620922	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	684300	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	661497	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	13422	7.62	ng/uL	0.00
5) Phenol-d5	6.95	99	149132	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	85672	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	115568	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	126793	20.43	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	59076	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	68455	21.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	125939	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	173325	23.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	419313	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	508483	20.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	73327	19.05	ng/ul	0.00
57) Fluorene-d10	15.41	176	368077	20.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	73407	21.02	ng/ul	0.00
70) Anthracene-d10	17.26	188	584899	21.31	ng/ul	0.00
76) Pyrene-d10	19.56	212	661340	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	610719	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	24212	7.54	ng/uL#	96
4) Benzaldehyde	6.92	77	93824	25.79	ng/ul	97
6) Phenol	6.97	94	156681	20.19	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	117520	20.11	ng/ul	97
10) 2-Chlorophenol	7.34	128	117482	20.25	ng/ul	98
11) 2-Methylphenol	8.21	108	121854	20.31	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	160251	20.22	ng/ul	99
14) Acetophenone	8.59	105	195223	21.23	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	99760	20.76	ng/ul	99
16) 4-Methylphenol	8.54	108	136208	20.46	ng/ul	99
17) Hexachloroethane	8.84	117	45195	20.70	ng/ul	98
20) Nitrobenzene	8.97	77	145981	20.28	ng/ul	97
21) Isophorone	9.49	82	286545	20.51	ng/ul	99
23) 2-Nitrophenol	9.68	139	73499	20.96	ng/ul	98
24) 2,4-Dimethylphenol	9.74	107	154840	20.82	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	170847	19.63	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	127886	20.64	ng/ul	97
28) Naphthalene	10.61	128	413730	20.42	ng/ul	99
30) 4-Chloroaniline	10.72	127	175875	23.69	ng/ul	98
31) Hexachlorobutadiene	10.89	225	78468	21.31	ng/ul	97
32) Caprolactam	11.48	113	45650m	19.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	154097	20.75	ng/ul	100
34) 2-Methylnaphthalene	12.22	142	311734	20.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	162986	20.37	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	76937	18.82	ng/ul	96
38) 2,4,6-Trichlorophenol	12.84	196	108090	20.28	ng/ul	95
39) 2,4,5-Trichlorophenol	12.92	196	120625	20.40	ng/ul	98
40) 1,1'-Biphenyl	13.24	154	417632	20.04	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	321200	20.38	ng/ul	99
42) 2-Nitroaniline	13.50	65	100534	20.72	ng/ul	98
44) Dimethylphthalate	13.87	163	420557	19.96	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	86800	20.89	ng/ul#	90
47) Acenaphthylene	14.13	152	539315	20.61	ng/ul	99
48) 3-Nitroaniline	14.33	138	95986	21.67	ng/ul	98
49) Acenaphthene	14.47	153	354333	20.55	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	40917	17.12	ng/ul	90
52) 4-Nitrophenol	14.64	109	63271	19.77	ng/ul	93
53) Dibenzofuran	14.82	168	513691	20.53	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	130752	21.10	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.04	232	102963	20.48	ng/ul#	97
56) Diethylphthalate	15.23	149	428876	20.15	ng/ul	100
58) Fluorene	15.46	166	403092	20.61	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	201207	20.76	ng/ul	100
60) 4-Nitroaniline	15.49	138	100666	21.44	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	77410	21.09	ng/ul#	92
64) N-Nitrosodiphenylamine	15.67	169	364199	21.42	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	128404	21.57	ng/ul	98
66) Hexachlorobenzene	16.47	284	141811	21.24	ng/ul	98
67) Atrazine	16.63	200	138209	22.27	ng/ul	99
68) Pentachlorophenol	16.82	266	76268	20.56	ng/ul	96
69) Phenanthrene	17.20	178	686816	21.04	ng/ul	99
71) Anthracene	17.29	178	694401	21.33	ng/ul	100
72) Carbazole	17.57	167	637990	22.28	ng/ul	99
73) Di-n-butylphthalate	18.12	149	735070	21.04	ng/ul	100
74) Fluoranthene	19.22	202	809198	22.37	ng/ul	99
77) Pyrene	19.59	202	834892	21.03	ng/ul	98
78) Butylbenzylphthalate	20.48	149	354301	21.50	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	276872	22.51	ng/ul	99
80) Benzo(a)anthracene	21.34	228	812776	20.65	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	504172	22.02	ng/ul	98
82) Chrysene	21.39	228	784806	21.02	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	906599	23.46	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	828410	21.42	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	766016	21.04	ng/ul	99
88) Benzo(a)pyrene	23.53	252	768402	21.01	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	757050	18.97	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	645201	19.32	ng/ul	98
91) Benzo(g,h,i)perylene	26.62	276	615019	18.20	ng/ul	98

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

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