Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\SOMO2.2-REGULAR\
Data File : BM002254.D
Acq On : 08 Aug 2015 01:19
Operator : TP/UM
Sample : SSTD16012
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16012

Manual Integrations APPROVED
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8/10/2015 7:13:16 PM

Quant Time: Aug 08 03:35:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 03:08:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	155636	20.00	ng/ul	0.00
18) Naphthalene-d8	11.80	136	763063	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.51	164	421292	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.22	188	884606	20.00	ng/ul	0.00
78) Chrysene-d12	22.31	240	850026	20.00	ng/ul	0.01
86) Perylene-d12	25.00	264	846568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	8.03	99	2246978	184.02	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	8.22	67	1290081	195.92	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.63	113	1900517	185.76	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.92	131	1726503	119.57	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	15.67	143	1024210	228.44	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.59	200	673129	141.44	ng/ul	0.03
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	8.03	77	855239	133.02	ng/ul	98
6) Phenol	8.06	94	2300009	185.03	ng/ul	99
8) Bis(2-Chloroethyl)ether	8.32	93	1717887	187.02	ng/ul	99
11) 2-Methylphenol	9.36	108	1800193	183.54	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.46	45	3012099	277.59	ng/ul	99
14) Acetophenone	9.79	105	2693412	167.63	ng/ul	98
16) 4-Methylphenol	9.71	108	1972480	183.41	ng/ul	98
30) 4-Chloroaniline	11.95	127	1749191	117.14	ng/ul	99
32) Caprolactam	12.75	113	678887m	193.74	ng/ul	
38) Hexachlorocyclopentadiene	13.72	237	1114778	170.32	ng/ul	99
49) 3-Nitroaniline	15.41	138	966533	157.88	ng/ul#	96
51) 2,4-Dinitrophenol	15.60	184	469141	184.81	ng/ul#	1
53) 4-Nitrophenol	15.69	109	726617	192.37	ng/ul	99
61) 4-Nitroaniline	16.57	138	1289970	202.99	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.60	198	748114	151.45	ng/ul#	95
68) Atrazine	17.64	200	1401216	139.83	ng/ul	98
69) Pentachlorophenol	17.86	266	880972	291.95	ng/ul	100
75) Carbazole	18.60	167	6646910	159.54	ng/ul	96
77) Fluoranthene	20.20	202	7314893	139.84	ng/ul#	92
82) 3,3'-Dichlorobenzidine	22.19	252	2149873	138.82	ng/ul	99
87) Di-n-octyl phthalate	23.17	149	9397211	181.56	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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