Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012414.D
Acq On : 24 Oct 2017 12:44
Operator : SJ/JU
Sample : SSTD16054
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16054

Manual Integrations APPROVED
Sohil
10/25/2017 3:35:41 PM

Quant Time: Oct 24 14:52:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 14:33:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	426163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1858669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1225816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	3001482	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2868869	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2198128	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	7.06	99	6181176	177.38	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.23	67	3501213	167.14	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.60	113	5180267	173.02	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	10.82	131	3945532	110.50	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.74	143	3003527	197.53	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.64	200	3210354	244.30	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.03	77	1410703	64.141	ng/ul	94
6) Phenol	7.09	94	6368525	175.038	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.32	93	4545425	168.524	ng/ul	97
11) 2-Methylphenol	8.33	108	4791207	174.547	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	4844523	162.191	ng/ul#	79
14) Acetophenone	8.72	105	7935182	167.555	ng/ul	91
16) 4-Methylphenol	8.68	108	5135373	169.967	ng/ul	92
30) 4-Chloroaniline	10.84	127	4047566	112.932	ng/ul	95
32) Caprolactam	11.67	113	1574864m	156.150	ng/ul	
37) Hexachlorocyclopentadiene	12.70	237	5233465	194.816	ng/ul	99
48) 3-Nitroaniline	14.43	138	2781461	180.965	ng/ul	93
50) 2,4-Dinitrophenol	14.63	184	2077572	242.562	ng/ul	96
52) 4-Nitrophenol	14.76	109	2933328	187.962	ng/ul#	82
60) 4-Nitroaniline	15.62	138	3726168	197.217	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.66	198	3445241	236.185	ng/ul#	87
67) Atrazine	16.74	200	6107000	163.531	ng/ul	93
68) Pentachlorophenol	16.91	266	4253538	207.042	ng/ul	97
72) Carbazole	17.66	167	17699490m	121.186	ng/ul	
74) Fluoranthene	19.30	202	18283050m	90.809	ng/ul	
79) 3,3'-Dichlorobenzidine	21.34	252	10108495	160.692	ng/ul#	97
84) Di-n-octyl phthalate	22.24	149	15877385m	134.880	ng/ul	

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

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