Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031938.D
Acq On : 28 Aug 2021 18:42
Operator : CG/JU
Sample : SSTD16023
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160020

Manual Integrations APPROVED
mohammad
8/30/2021 10:35:20 AM

Quant Time: Aug 28 23:56:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 28 23:51:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	98700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	453751	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.157	164	343342	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	749327m	20.000	ng/ul	0.01
79) Chrysene-d12	21.121	240	852099	20.000	ng/ul	0.01
88) Perylene-d12	23.256	264	772400	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.516	84	1101891	166.819	ng/ul	0.00
7) Phenol-d5	6.722	99	1470214	170.474	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.881	67	779280	140.280	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.245	113	1249233	180.749	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.434	131	1796521	178.023	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.433	143	823698	196.908	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.327	200	952575	198.254	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.534	79	1096666	152.297	ng/ul	91
6) Benzaldehyde	6.681	77	540360m	121.767	ng/ul	
8) Phenol	6.751	94	1459683	165.129	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.969	93	1053239	152.965	ng/ul	91
13) 2-Methylphenol	7.969	108	1123889	174.895	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.051	45	1297394	114.427	ng/ul#	89
16) Acetophenone	8.351	105	1867531	171.695	ng/ul	96
18) 4-Methylphenol	8.322	108	1242804	176.252	ng/ul	100
32) 4-Chloroaniline	10.463	127	1777565	175.579	ng/ul	100
34) Caprolactam	11.322	113	411022m	206.154	ng/ul	
40) Hexachlorocyclopentadiene	12.286	237	1063721	168.020	ng/ul	98
51) 3-Nitroaniline	14.104	138	826443	174.406	ng/ul	93
53) 2,4-Dinitrophenol	14.316	184	703440	260.276	ng/ul	92
55) 4-Nitrophenol	14.445	109	742978	209.259	ng/ul	87
63) 4-Nitroaniline	15.298	138	735599	162.959	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.345	198	903154	194.707	ng/ul#	94
70) Atrazine	16.421	200	1206735	151.674	ng/ul	98
71) Pentachlorophenol	16.574	266	1066919	196.022	ng/ul	98
77) Carbazole	17.339	167	6260098	175.292	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.051	252	3126429	201.071	ng/ul	97
89) Di-n-octyl phthalate	21.909	149	9486825	197.773	ng/ul	100

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

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