Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033355.D
Acq On : 09 Dec 2021 12:41
Operator : CG/JU
Sample : SSTD16016
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 09 13:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160016

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	46496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	204382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	142343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	313195	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	297763	20.000	ng/ul	0.00
88) Perylene-d12	23.765	264	281801	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	3.778	84	599930	180.583	ng/ul	0.00
7) Phenol-d5	7.090	99	732641	186.284	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	464254	186.105	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.636	113	574591	188.250	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	10.854	131	784222	175.223	ng/ul	0.00
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	14.771	143	345941	203.413	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.660	200	342932	232.988	ng/ul	0.02
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	3.801	79	614764	181.343	ng/ul	94
6) Benzaldehyde	7.060	77	176901	78.922	ng/ul	94
8) Phenol	7.119	94	738681	188.605	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.342	93	547900	176.107	ng/ul	99
13) 2-Methylphenol	8.360	108	550313	183.423	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.442	45	908464	189.063	ng/ul	99
16) Acetophenone	8.748	105	919371	190.833	ng/ul	95
18) 4-Methylphenol	8.701	108	591388	188.032	ng/ul	94
32) 4-Chloroaniline	10.877	127	777902	172.053	ng/ul	99
34) Caprolactam	11.695	113	186111m	198.370	ng/ul	
40) Hexachlorocyclopentadiene	12.707	237	479426	143.873	ng/ul	99
51) 3-Nitroaniline	14.460	138	294579	167.922	ng/ul	95
53) 2,4-Dinitrophenol	14.660	184	248102	279.188	ng/ul	98
55) 4-Nitrophenol	14.783	109	350631	201.858	ng/ul	94
63) 4-Nitroaniline	15.624	138	264905m	153.571	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.671	198	330210	223.836	ng/ul#	96
70) Atrazine	16.748	200	577578	162.267	ng/ul	99
71) Pentachlorophenol	16.930	266	376365	163.183	ng/ul	95
77) Carbazole	17.689	167	2579235	166.879	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.359	252	989613	147.522	ng/ul	97
89) Di-n-octyl phthalate	22.247	149	3600138	209.669	ng/ul	100

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