Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
Data File : BM032332.D
Acq On : 05 Oct 2021 18:00
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160002

Manual Integrations APPROVED
mohammad
10/8/2021 8:33:35 AM

Quant Time: Oct 05 18:30:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 05 15:29:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	280686	20.00	ng/ul	0.00
20) Naphthalene-d8	10.425	136	1230994	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.277	164	790284	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.007	188	1620308	20.00	ng/ul	0.00
79) Chrysene-d12	21.177	240	1300180	20.00	ng/ul	0.01
88) Perylene-d12	23.318	264	1492175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.384	84	3193240	161.46	ng/ul	0.00
7) Phenol-d5	6.831	99	4027855	168.98	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.966	67	2200082	160.03	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.384	113	3277274	170.90	ng/ul	0.03
21) Nitrobenzene-d5	0.000	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.566	131	4305961	155.28	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.518	143	1830778	170.28	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.407	200	1652118	179.96	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.407	79	3150192	160.72	ng/ul	97
6) Benzaldehyde	6.754	77	1762319	207.15	ng/ul	98
8) Phenol	6.866	94	3953344	163.38	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.060	93	2995935	157.33	ng/ul	100
13) 2-Methylphenol	8.101	108	3054721	164.95	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.172	45	3727935	156.77	ng/ul	98
16) Acetophenone	8.460	105	3995029	140.93	ng/ul#	79
18) 4-Methylphenol	8.454	108	2875364	147.67	ng/ul	99
32) 4-Chloroaniline	10.595	127	4156944	149.44	ng/ul	97
34) Caprolactam	11.395	113	1224503m	187.09	ng/ul	
40) Hexachlorocyclopentadiene	12.466	237	1956703	152.73	ng/ul	99
51) 3-Nitroaniline	14.195	138	1889201	177.20	ng/ul	97
53) 2,4-Dinitrophenol	14.395	184	1368500	213.00	ng/ul	96
55) 4-Nitrophenol	14.536	109	1441499	166.33	ng/ul	95
63) 4-Nitroaniline	15.377	138	1654946	165.67	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.424	198	1579379	174.80	ng/ul#	99
70) Atrazine	16.495	200	2604973	150.75	ng/ul	99
71) Pentachlorophenol	16.677	266	1831274	168.94	ng/ul	98
77) Carbazole	17.412	167	10103753	132.32	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.095	252	2850415	122.82	ng/ul	98
89) Di-n-octyl phthalate	21.924	149	11958006	140.33	ng/ul	100

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