Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
Data File : BM043187.D
Acq On : 07 Dec 2023 18:42
Operator : MA/JU
Sample : SSTD16074
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160039

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 00:32:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	567187	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2524212	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.639	164	1586200	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	3234935	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2681349	20.000	ng/ul	0.01
88) Perylene-d12	23.950	264	2249066	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.816	84	7324063	173.684	ng/ul	0.00
7) Phenol-d5	7.193	99	9945287	181.328	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.363	67	5724746	165.322	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.751	113	7638451	174.594	ng/ul	0.03
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	10.981	131	10605188	159.237	ng/ul	0.02
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	14.880	143	4380496	180.268	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.780	200	3999026	249.828	ng/ul	0.04
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	3.840	79	7449378	171.448	ng/ul	99
6) Benzaldehyde	7.163	77	3042784m	97.572	ng/ul	
8) Phenol	7.222	94	9692290	177.950	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	7467283	167.960	ng/ul	98
13) 2-Methylphenol	8.469	108	7487284	177.722	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	11795562	157.513	ng/ul	98
16) Acetophenone	8.869	105	11375430	158.595	ng/ul	95
18) 4-Methylphenol	8.834	108	7892264	171.299	ng/ul	98
32) 4-Chloroaniline	11.010	127	9987162	158.919	ng/ul	99
34) Caprolactam	11.857	113	2143843m	158.779	ng/ul	
40) Hexachlorocyclopentadiene	12.816	237	5774724	198.849	ng/ul	100
51) 3-Nitroaniline	14.580	138	4595240	166.109	ng/ul	98
53) 2,4-Dinitrophenol	14.780	184	2731501	269.098	ng/ul	95
55) 4-Nitrophenol	14.898	109	3003569	168.486	ng/ul	97
63) 4-Nitroaniline	15.763	138	4084860m	144.700	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.798	198	4141764	231.854	ng/ul#	94
70) Atrazine	16.868	200	4003175	125.156	ng/ul	99
71) Pentachlorophenol	17.027	266	5246007	202.028	ng/ul	98
77) Carbazole	17.786	167	19186946m	107.390	ng/ul	
84) 3,3'-Dichlorobenzidine	21.468	252	9059136	138.304	ng/ul#	99
89) Di-n-octyl phthalate	22.403	149	19507576m	119.756	ng/ul	

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

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