Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
Data File : BM049340.D
Acq On : 13 Jan 2025 16:20
Operator : RC/JU
Sample : SSTD16071
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160011

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/16/2025

Quant Time: Jan 13 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	243160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.292	136	893457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	565681	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.921	188	1091002	20.000	ng/ul	0.00
79) Chrysene-d12	21.156	240	1083782	20.000	ng/ul	0.01
88) Perylene-d12	23.939	264	1023424	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	3.510	84	3043665	163.369	ng/ul	0.00
7) Phenol-d5	6.734	99	3357256	165.631	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.881	67	2085736	151.903	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.257	113	2508941	158.138	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	10.439	131	3246906	158.459	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	14.416	143	1203587	176.106	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.316	200	1253851	186.248	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	3.528	79	3018285	159.489	ng/ul	93
6) Benzaldehyde	6.681	77	1033131	85.091	ng/ul	96
8) Phenol	6.763	94	3414866	161.137	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.975	93	2694367	154.913	ng/ul	97
13) 2-Methylphenol	7.981	108	2494164	161.072	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.051	45	3816698	144.503	ng/ul	97
16) Acetophenone	8.351	105	3703182	139.594	ng/ul	99
18) 4-Methylphenol	8.328	108	2659007	155.676	ng/ul	97
32) 4-Chloroaniline	10.463	127	3082722	157.597	ng/ul	99
34) Caprolactam	11.292	113	708255m	152.134	ng/ul	
40) Hexachlorocyclopentadiene	12.322	237	2142897	189.026	ng/ul	99
51) 3-Nitroaniline	14.092	138	1196767	156.240	ng/ul	97
53) 2,4-Dinitrophenol	14.298	184	956621	208.491	ng/ul	95
55) 4-Nitrophenol	14.433	109	849329	166.548	ng/ul	94
63) 4-Nitroaniline	15.274	138	919870m	128.889	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.327	198	1333742	180.414	ng/ul#	97
70) Atrazine	16.421	200	2086491	157.082	ng/ul	98
71) Pentachlorophenol	16.580	266	1709261	184.238	ng/ul	98
77) Carbazole	17.333	167	8541348	157.670	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.074	252	3109814	151.629	ng/ul	100
89) Di-n-octyl phthalate	22.156	149	11637743	155.149	ng/ul	100

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