Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032125\
Data File : BM049741.D
Acq On : 21 Mar 2025 14:58
Operator : RC/JU
Sample : SSTD16095
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160039

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

Quant Time: Mar 21 16:25:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	355117	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1238903	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	803918	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1572443	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1925871	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	1658374	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	3.663	84	4357377	164.175	ng/ul	0.00
7) Phenol-d5	6.986	99	4575576	159.923	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	2728624	152.097	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.533	113	3320757	151.545	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	10.745	131	4304957	155.468	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	14.668	143	1760321	178.022	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.568	200	1971535	205.590	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	3.687	79	4252188	160.218	ng/ul	98
6) Benzaldehyde	6.945	77	1467374	97.469	ng/ul	98
8) Phenol	7.016	94	4622286	157.117	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.239	93	3618150	154.096	ng/ul	96
13) 2-Methylphenol	8.257	108	3333738	157.391	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.333	45	4331354	148.363	ng/ul	99
16) Acetophenone	8.639	105	5126769	144.050	ng/ul	94
18) 4-Methylphenol	8.604	108	3527214	151.300	ng/ul	94
32) 4-Chloroaniline	10.769	127	4090321	155.245	ng/ul	98
34) Caprolactam	11.586	113	963950m	162.007	ng/ul	
40) Hexachlorocyclopentadiene	12.627	237	3332687	189.136	ng/ul	96
51) 3-Nitroaniline	14.357	138	1704021	166.095	ng/ul	98
53) 2,4-Dinitrophenol	14.562	184	1331236	205.829	ng/ul	88
55) 4-Nitrophenol	14.686	109	1305872	171.913	ng/ul	96
63) 4-Nitroaniline	15.533	138	1363894	141.162	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.586	198	2129567	198.396	ng/ul#	89
70) Atrazine	16.668	200	2839518	156.576	ng/ul	97
71) Pentachlorophenol	16.845	266	2691268	199.543	ng/ul	99
77) Carbazole	17.592	167	13427574	176.216	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.338	252	7029230	179.912	ng/ul#	99
89) Di-n-octyl phthalate	22.485	149	16078183	153.351	ng/ul	100

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

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