Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049555.D
Acq On : 31 Jan 2025 13:20
Operator : RC/JU
Sample : Q1190-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Feb 03 08:01:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A44T4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	229420	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	875568	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	584166	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1258736	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1325313	20.000	ng/ul	0.01
88) Perylene-d12	23.933	264	1430920	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	10145m	1.638	ng/uL	-0.01
4) Pyridine-d5	3.511	84	45009	2.474	ng/ul	0.00
7) Phenol-d5	6.722	99	221242	11.884	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.857	67	124160	9.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	169636	11.775	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	142550	10.451	ng/ul	0.00
21) Nitrobenzene-d5	8.651	128	73436	10.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	85715	11.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	177807	11.926	ng/ul	0.01
31) 4-Chloroaniline-d4	10.434	131	42127m	2.203	ng/ul	0.01
46) Dimethylphthalate-d6	13.575	166	534628	12.482	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	613484	12.190	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	66860m	9.516	ng/ul	0.05
60) Fluorene-d10	15.151	176	479619	12.733	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	44701	5.636	ng/ul	0.01
73) Anthracene-d10	17.004	188	777231	12.365	ng/ul	0.00
81) Pyrene-d10	19.315	212	815075	10.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	574716	7.530	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.751	94	46734	2.392	ng/ul	99
16) Acetophenone	8.322	105	185157	8.163	ng/ul	99
72) Phenanthrene	16.951	178	191445	2.702	ng/ul	98
80) Fluoranthene	18.980	202	485036	5.481	ng/ul	99
82) Pyrene	19.345	202	362714	3.809	ng/ul	99
85) Benzo(a)anthracene	21.127	228	206189	2.215	ng/ul#	90
87) Chrysene	21.186	228	265426	3.070	ng/ul#	94
90) Benzo(b)fluoranthene	23.062	252	351880	3.794	ng/ul#	93
91) Benzo(k)fluoranthene	23.115	252	128352	1.369	ng/ul#	81
93) Benzo(a)pyrene	23.809	252	135262	1.555	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	27.027	276	139944	1.298	ng/ul#	90

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

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