Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049540.D
Acq On : 30 Jan 2025 23:45
Operator : RC/JU
Sample : Q1189-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 31 08:31:17 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 :
A44Q7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	274802	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	1046539	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	693948	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1474297	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1494995	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1597029	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	18048	2.433	ng/uL	-0.01
4) Pyridine-d5	3.510	84	105353	4.835	ng/ul	0.00
7) Phenol-d5	6.728	99	348302	15.619	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	227949	14.949	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	287484	16.660	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	230732	14.122	ng/ul	0.01
21) Nitrobenzene-d5	8.651	128	136293	17.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	149290	17.095	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	291510	16.358	ng/ul	0.01
31) 4-Chloroaniline-d4	10.428	131	115217m	5.040	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	836776	16.446	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	972247	16.263	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	109829	13.158	ng/ul	0.05
60) Fluorene-d10	15.151	176	775707	17.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	74746	8.046	ng/ul	0.00
73) Anthracene-d10	17.004	188	1147815	15.591	ng/ul	0.00
81) Pyrene-d10	19.309	212	1250393	14.307	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	842490	9.891	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.751	94	51936	2.219	ng/ul	99
16) Acetophenone	8.328	105	147208	5.418	ng/ul	95
72) Phenanthrene	16.951	178	129971	1.566	ng/ul	99
80) Fluoranthene	18.974	202	422565	4.233	ng/ul	98
82) Pyrene	19.339	202	306035	2.849	ng/ul	99
85) Benzo(a)anthracene	21.121	228	178031	1.695	ng/ul	99
87) Chrysene	21.180	228	223367	2.290	ng/ul	98
90) Benzo(b)fluoranthene	23.056	252	315275	3.046	ng/ul#	95
93) Benzo(a)pyrene	23.791	252	112614	1.160	ng/ul#	94

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

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