Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049548.D
Acq On : 31 Jan 2025 05:37
Operator : RC/JU
Sample : Q1189-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 31 09:10:53 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 :
A44Q8

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	7.504	152	325758	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	1261307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	859550	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	1740211	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1741082	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1882319	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	19904	2.264	ng/uL	-0.01
4) Pyridine-d5	3.510	84	69425	2.688	ng/ul	0.00
7) Phenol-d5	6.722	99	419631	15.874	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.857	67	260772	14.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	335656	16.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	276244	14.263	ng/ul	0.00
21) Nitrobenzene-d5	8.651	128	153783	15.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	175102	16.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	354675	16.513	ng/ul	0.01
31) 4-Chloroaniline-d4	10.428	131	74487m	2.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	1011703	16.053	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1117786	15.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.421	143	130823	12.654	ng/ul	0.04
60) Fluorene-d10	15.151	176	913826	16.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	71113	6.485	ng/ul	0.00
73) Anthracene-d10	17.004	188	1403039	16.145	ng/ul	0.00
81) Pyrene-d10	19.309	212	1402503	13.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	953682	9.499	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.751	94	73212	2.639	ng/ul	97
16) Acetophenone	8.322	105	269523	8.369	ng/ul	98
72) Phenanthrene	16.945	178	199427	2.036	ng/ul	99
80) Fluoranthene	18.974	202	519997	4.473	ng/ul	98
82) Pyrene	19.339	202	381670	3.051	ng/ul	99
85) Benzo(a)anthracene	21.121	228	225934	1.847	ng/ul	91
87) Chrysene	21.180	228	304780	2.683	ng/ul	96
90) Benzo(b)fluoranthene	23.056	252	412823	3.384	ng/ul#	90
91) Benzo(k)fluoranthene	23.103	252	130429m	1.058	ng/ul	
93) Benzo(a)pyrene	23.791	252	128764	1.125	ng/ul#	81
94) Indeno(1,2,3-cd)pyrene	27.021	276	160747m	1.133	ng/ul	

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

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