Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049539.D
Acq On : 30 Jan 2025 23:06
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 08:24:46 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 :
A44Q6

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	241839	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	917154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	604759	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1265930	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1282204	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1364203	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	13623	2.087	ng/uL	-0.01
4) Pyridine-d5	3.510	84	65453	3.413	ng/ul	0.00
7) Phenol-d5	6.728	99	271255	13.822	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	169734	12.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	220537	14.522	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	180746	12.571	ng/ul	0.01
21) Nitrobenzene-d5	8.651	128	99003	14.110	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	115632	15.109	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	215218	13.780	ng/ul	0.02
31) 4-Chloroaniline-d4	10.428	131	111158m	5.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	639281	14.417	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	652488	12.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	90659m	12.464	ng/ul	0.05
60) Fluorene-d10	15.151	176	487182	12.494	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	54394	6.819	ng/ul	0.01
73) Anthracene-d10	17.004	188	750886	11.878	ng/ul	0.00
81) Pyrene-d10	19.315	212	783428	10.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	513371	7.056	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.669	77	29235	2.712	ng/ul	95
8) Phenol	6.751	94	37518m	1.821	ng/ul	
16) Acetophenone	8.328	105	138483	5.792	ng/ul	98
50) Acenaphthylene	13.869	152	82384	1.539	ng/ul	97
72) Phenanthrene	16.951	178	516491	7.248	ng/ul	99
74) Anthracene	17.039	178	106451	1.483	ng/ul	99
80) Fluoranthene	18.980	202	1888842	22.063	ng/ul	100
82) Pyrene	19.345	202	1386105	15.047	ng/ul	99
85) Benzo(a)anthracene	21.127	228	791241	8.785	ng/ul	95
87) Chrysene	21.180	228	989925	11.835	ng/ul	99
90) Benzo(b)fluoranthene	23.056	252	1280393	14.480	ng/ul	98
91) Benzo(k)fluoranthene	23.109	252	460486	5.154	ng/ul	98
93) Benzo(a)pyrene	23.791	252	452816	5.459	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.009	276	438582	4.266	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	156504	1.879	ng/ul	97

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

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