Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049537.D
Acq On : 30 Jan 2025 21:47
Operator : RC/JU
Sample : Q1189-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 31 08:15:12 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 :
A44R5

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	186915	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	716045	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	471028	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	997692	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1038483	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1109827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	13932	2.762	ng/uL	-0.01
4) Pyridine-d5	3.510	84	28677	1.935	ng/ul	0.00
7) Phenol-d5	6.728	99	262882	17.332	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	175611	16.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	218688	18.632	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	135195	12.166	ng/ul	0.01
21) Nitrobenzene-d5	8.657	128	103020	18.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	120622	20.187	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	215623	17.684	ng/ul	0.02
31) 4-Chloroaniline-d4	10.422	131	141026	9.017	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	700408	20.280	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	743102	18.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.427	143	97916	17.283	ng/ul	0.05
60) Fluorene-d10	15.157	176	575403	18.946	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	65000	10.339	ng/ul	0.01
73) Anthracene-d10	17.004	188	841688	16.894	ng/ul	0.00
81) Pyrene-d10	19.315	212	889912	14.659	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	478696	8.087	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.757	94	35261	2.215	ng/ul	96
16) Acetophenone	8.328	105	95406	5.163	ng/ul	99
72) Phenanthrene	16.951	178	110916	1.975	ng/ul	99
80) Fluoranthene	18.974	202	318318	4.591	ng/ul	97
82) Pyrene	19.339	202	254510	3.411	ng/ul	99
85) Benzo(a)anthracene	21.121	228	167927	2.302	ng/ul	97
87) Chrysene	21.180	228	221518	3.270	ng/ul	97
90) Benzo(b)fluoranthene	23.050	252	287052	3.990	ng/ul#	97
91) Benzo(k)fluoranthene	23.103	252	108748m	1.496	ng/ul	
93) Benzo(a)pyrene	23.791	252	104349	1.546	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.003	276	102832	1.229	ng/ul	97

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

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