Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049428.D
Acq On : 23 Jan 2025 21:22
Operator : RC/JU
Sample : Q1139-10DL2 30X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jan 23 23:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH7DL2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	248508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	889486	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	553577	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1061757	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1001504	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	960124	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.710	99	11648	0.558	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	10841m	0.780	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	10635	0.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	7809	0.483	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	3875	0.571	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	3039	0.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	8784m	0.568	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.580	166	32821	0.797	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	32409	0.689	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	23478	0.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	36983	0.705	ng/ul	-0.01
81) Pyrene-d10	19.309	212	38941	0.639	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	27831	0.540	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	2306950	48.870	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	612216	18.124	ng/ul	100
37) 1-Methylnaphthalene	12.169	142	290326	8.638	ng/ul	98
52) Acenaphthene	14.221	153	502065	14.573	ng/ul	99
61) Fluorene	15.210	166	433386	10.842	ng/ul	99
72) Phenanthrene	16.951	178	4252792	72.048	ng/ul	99
74) Anthracene	17.039	178	323536	5.461	ng/ul	99
80) Fluoranthene	18.974	202	2014834	28.768	ng/ul	99
82) Pyrene	19.339	202	1275777	17.112	ng/ul	99
85) Benzo(a)anthracene	21.121	228	273955	3.925	ng/ul	99
87) Chrysene	21.180	228	248070	3.893	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	117152	1.823	ng/ul	99

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

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