Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jan 24 00:00:50 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 :
DCZH4DL2

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	248959	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	893545	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	550439	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1052879	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	975906	20.000	ng/ul	-0.01
88) Perylene-d12	23.915	264	947593	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	6.722	99	9757	0.467	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	9065	0.651	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	8832	0.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	6189m	0.382	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	3488	0.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.380	143	2489	0.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.933	165	7538m	0.485	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.580	166	31424	0.767	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	34806	0.744	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	27480	0.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	44083	0.847	ng/ul	-0.01
81) Pyrene-d10	19.309	212	41880	0.705	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	19795	0.389	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.327	128	3256808	68.679	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	752093	22.164	ng/ul	99
37) 1-Methylnaphthalene	12.169	142	330936	9.802	ng/ul	100
52) Acenaphthene	14.221	153	717350	20.940	ng/ul	100
61) Fluorene	15.210	166	855167	21.515	ng/ul	99
72) Phenanthrene	16.951	178	5938163	101.449	ng/ul	99
74) Anthracene	17.039	178	1029705	17.526	ng/ul	99
80) Fluoranthene	18.974	202	2969130	43.506	ng/ul	99
82) Pyrene	19.339	202	1383093	19.039	ng/ul	99
85) Benzo(a)anthracene	21.121	228	389568	5.728	ng/ul	99
87) Chrysene	21.174	228	323127	5.204	ng/ul	98
90) Benzo(b)fluoranthene	23.044	252	161230	2.542	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	64984m	1.028	ng/ul	

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

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