Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049431.D
Acq On : 23 Jan 2025 23:19
Operator : RC/JU
Sample : Q1139-09DL2 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH6DL2

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

Quant Time: Jan 24 00:06:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	259443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	918692	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	569765	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1087201	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	985295	20.000	ng/ul	-0.01
88) Perylene-d12	23.915	264	964650	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	6.716	99	6755m	0.310	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	6495	0.448	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	6630	0.398	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	5049m	0.299	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	2292	0.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.392	143	2114	0.270	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.934	165	5984m	0.374	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.580	166	23899	0.564	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	22922	0.473	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	19261	0.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	32327	0.601	ng/ul	-0.01
81) Pyrene-d10	19.309	212	25387	0.423	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	12829	0.248	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	146335	3.001	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	105067	3.011	ng/ul	96
37) 1-Methylnaphthalene	12.169	142	78335	2.257	ng/ul	99
52) Acenaphthene	14.221	153	441200	12.442	ng/ul	99
61) Fluorene	15.210	166	812731	19.754	ng/ul	100
71) Pentachlorophenol	16.568	266	17206	1.806	ng/ul	96
72) Phenanthrene	16.951	178	3181147	52.632	ng/ul	99
74) Anthracene	17.045	178	3591602	59.201	ng/ul	100
80) Fluoranthene	18.974	202	1652693	23.986	ng/ul	99
82) Pyrene	19.339	202	887567	12.101	ng/ul	99
85) Benzo(a)anthracene	21.121	228	266088	3.875	ng/ul	99
87) Chrysene	21.174	228	284535	4.539	ng/ul	98
90) Benzo(b)fluoranthene	23.044	252	198496	3.074	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	76874m	1.194	ng/ul	

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

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