Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049411.D
Acq On : 23 Jan 2025 09:41
Operator : RC/JU
Sample : Q1139-01DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0DL

Quant Time: Jan 23 22:19:20 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	259686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	923950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	564560	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1062049	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	952034	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	988519	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4609	0.734	ng/uL	0.00
4) Pyridine-d5	3.516	84	61617	3.084	ng/ul	0.00
7) Phenol-d5	6.710	99	63648	2.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	48472	3.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	53402	3.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	46226	2.735	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	22129	3.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	20245	2.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	44315	2.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	53072	2.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	153865	3.662	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	164871	3.437	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	126182	3.476	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	195153	3.717	ng/ul	-0.01
81) Pyrene-d10	19.309	212	211114	3.644	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	179224	3.377	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	346250	7.061	ng/ul	99
37) 1-Methylnaphthalene	12.175	142	63948	1.832	ng/ul#	98
52) Acenaphthene	14.222	153	288167	8.201	ng/ul	98
61) Fluorene	15.210	166	344227	8.444	ng/ul	99
72) Phenanthrene	16.951	178	1344302	22.768	ng/ul	99
74) Anthracene	17.039	178	314370	5.305	ng/ul	99
80) Fluoranthene	18.974	202	688144	10.336	ng/ul	99
82) Pyrene	19.339	202	441832	6.234	ng/ul	100
85) Benzo(a)anthracene	21.121	228	88029	1.327	ng/ul	99
87) Chrysene	21.174	228	82592	1.364	ng/ul	99

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

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