Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049414.D
Acq On : 23 Jan 2025 11:38
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

Manual Integrations APPROVED

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

Quant Time: Jan 23 22:29:45 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	260423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	940053	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	573037	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1083220	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1021447	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1042234	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	7875	1.251	ng/uL	0.00
4) Pyridine-d5	3.516	84	82729	4.129	ng/ul	0.00
7) Phenol-d5	6.710	99	116918	5.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	82595	5.674	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	97219	5.813	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	83609	4.932	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	40704	5.678	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	37845	4.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	82586	5.050	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	84647	3.934	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	260082	6.098	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	281208	5.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	14609m	2.068	ng/ul	0.00
60) Fluorene-d10	15.157	176	207742	5.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	11079	1.605	ng/ul	0.00
73) Anthracene-d10	17.004	188	312791	5.841	ng/ul	-0.01
81) Pyrene-d10	19.309	212	347609	5.592	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	291320	5.207	ng/ul	-0.02
Target Compounds						Qvalue
61) Fluorene	15.210	166	45284	1.094	ng/ul	97
72) Phenanthrene	16.951	178	173466	2.881	ng/ul	100
74) Anthracene	17.039	178	308431	5.103	ng/ul	99
80) Fluoranthene	18.980	202	3258743	45.620	ng/ul	100
82) Pyrene	19.339	202	2358643	31.020	ng/ul	99
85) Benzo(a)anthracene	21.121	228	646807	9.086	ng/ul	100
87) Chrysene	21.180	228	607646	9.351	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	336757	4.827	ng/ul	100
91) Benzo(k)fluoranthene	23.097	252	138451m	1.991	ng/ul	
93) Benzo(a)pyrene	23.780	252	187168	2.970	ng/ul	99

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

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