Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049399.D
Acq On : 23 Jan 2025 01:55
Operator : RC/JU
Sample : Q1139-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ7

Manual Integrations APPROVED

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

Quant Time: Jan 23 02:34:10 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	350776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	1333552	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	808465	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1469606	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1202544	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1207933	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	40315	4.755	ng/uL	0.00
4) Pyridine-d5	3.510	84	554622	20.550	ng/ul	0.00
7) Phenol-d5	6.710	99	704865	23.938	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	471680	24.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	569243	25.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	537906	23.557	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	264018	25.962	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	292751	25.751	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	543299	23.421	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	560125	18.350	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1446972	24.047	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1718131	25.012	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	155841	15.640	ng/ul	0.00
60) Fluorene-d10	15.157	176	1214691	23.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	168541	17.995	ng/ul	0.00
73) Anthracene-d10	17.009	188	1702506	23.435	ng/ul	0.00
81) Pyrene-d10	19.309	212	1739543	23.769	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1358769	20.955	ng/ul	-0.02
Target Compounds						Qvalue
74) Anthracene	17.039	178	141905	1.730	ng/ul	99
80) Fluoranthene	18.974	202	245868	2.924	ng/ul	98
82) Pyrene	19.339	202	261099	2.917	ng/ul	97
85) Benzo(a)anthracene	21.121	228	202054m	2.411	ng/ul	
87) Chrysene	21.174	228	367088	4.798	ng/ul	99
90) Benzo(b)fluoranthene	23.044	252	674433	8.342	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	195692m	2.428	ng/ul	
93) Benzo(a)pyrene	23.785	252	253965	3.478	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.991	276	180550	2.155	ng/ul	98
96) Benzo(g,h,i)perylene	27.950	276	150259m	2.403	ng/ul	

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

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