Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049402.D
Acq On : 23 Jan 2025 03:52
Operator : RC/JU
Sample : Q1139-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 23 04:25:36 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 :
DCZH7

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	492495	20.000	ng/ul	0.00
20) Naphthalene-d8	10.292	136	1823555	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	1131053	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.927	188	1767116	20.000	ng/ul	0.01
79) Chrysene-d12	21.150	240	1612825	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1696223	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	41450	3.482	ng/uL	0.00
4) Pyridine-d5	3.510	84	583816	15.407	ng/ul	0.00
7) Phenol-d5	6.710	99	766822	18.548	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	505393	18.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	621200	19.642	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	596656	18.611	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	291671	20.975	ng/ul	0.00
24) 2-Nitrophenol-d4	9.380	143	322233	20.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	614592	19.375	ng/ul	0.00
31) 4-Chloroaniline-d4	10.427	131	681803	16.334	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1463796	17.388	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1467005	15.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	191455	13.734	ng/ul	0.00
60) Fluorene-d10	15.162	176	986823	13.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	33557	2.980	ng/ul	0.03
73) Anthracene-d10	17.039	188	1280658	14.660	ng/ul	0.02
81) Pyrene-d10	19.321	212	1368996	13.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1171814	12.869	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.339	128	33938977m	350.693	ng/ul	
36) 2-Methylnaphthalene	11.974	142	18141037	261.956	ng/ul	100
37) 1-Methylnaphthalene	12.186	142	10162059	147.480	ng/ul	100
50) Acenaphthylene	13.880	152	580941	5.896	ng/ul#	79
52) Acenaphthene	14.239	153	14756202	209.626	ng/ul	98
61) Fluorene	15.233	166	14030674	171.791	ng/ul	98
72) Phenanthrene	16.962	178	37490925m	381.622	ng/ul	
74) Anthracene	17.068	178	10307236	104.527	ng/ul	98
80) Fluoranthene	18.986	202	26125298m	231.633	ng/ul	
82) Pyrene	19.350	202	22830545m	190.160	ng/ul	
85) Benzo(a)anthracene	21.133	228	9847522	87.615	ng/ul	96
87) Chrysene	21.192	228	8467662	82.523	ng/ul	98
90) Benzo(b)fluoranthene	23.056	252	4547596	40.055	ng/ul	98
91) Benzo(k)fluoranthene	23.109	252	1633571	14.431	ng/ul	99
93) Benzo(a)pyrene	23.791	252	2547737	24.844	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	782392	6.651	ng/ul	99
95) Dibenzo(a,h)anthracene	27.038	278	217915m	2.274	ng/ul	
96) Benzo(g,h,i)perylene	27.956	276	585101	6.663	ng/ul	99

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

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