Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048049.D
Acq On : 15 Oct 2024 05:26
Operator : RC/JU
Sample : P4238-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 15 06:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4F14

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	306249	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1195764	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.421	164	726082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1446922	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1397367	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1661904	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	21545	2.273	ng/uL	0.00
4) Pyridine-d5	3.657	84	264178	9.521	ng/ul	0.00
7) Phenol-d5	6.957	99	376086m	12.987	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	218076m	10.612	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	317127	15.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	297780	13.830	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	145120	15.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	162464	17.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	291236	15.979	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	359172	12.747	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	860105	16.339	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1031677	16.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	120068	11.456	ng/ul	0.01
60) Fluorene-d10	15.410	176	780433	17.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	83853	9.903	ng/ul	0.00
73) Anthracene-d10	17.256	188	1212075	17.036	ng/ul	0.00
81) Pyrene-d10	19.545	212	1433446	18.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	1545727	17.926	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.198	178	249628	2.942	ng/ul	99
80) Fluoranthene	19.215	202	410617	4.396	ng/ul	98
82) Pyrene	19.574	202	374623	3.604	ng/ul	98
85) Benzo(a)anthracene	21.368	228	187147	1.913	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	99685	1.807	ng/ul#	95
87) Chrysene	21.427	228	190986	2.002	ng/ul	97
90) Benzo(b)fluoranthene	23.433	252	246970	2.383	ng/ul#	96
93) Benzo(a)pyrene	24.238	252	178527	1.814	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.750	276	126505	1.003	ng/ul	96
96) Benzo(g,h,i)perylene	28.809	276	126383	1.279	ng/ul	98

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

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