Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047110.D
Acq On : 09 Aug 2024 07:31
Operator : RC/JU
Sample : P3435-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 09 08:06:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E05W0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.386	152	291697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	1119845	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	692203	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1396478	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1240410	20.000	ng/ul	0.00
88) Perylene-d12	23.732	264	1443326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	20210	2.745	ng/uL	0.00
4) Pyridine-d5	3.404	84	305181	15.196	ng/ul	0.00
7) Phenol-d5	6.592	99	425240	19.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.739	67	262247	17.987	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	342869	18.267	ng/ul	0.00
15) 4-Methylphenol-d8	8.104	113	344155	19.606	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	162004	18.028	ng/ul	0.00
24) 2-Nitrophenol-d4	9.245	143	179953	18.338	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.780	165	340120	18.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	456523	18.437	ng/ul	0.00
46) Dimethylphthalate-d6	13.468	166	997962	18.856	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1175479	19.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	118607	11.590	ng/ul	0.00
60) Fluorene-d10	15.045	176	879699	19.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	75914	8.604	ng/ul	0.00
73) Anthracene-d10	16.898	188	1328360	20.065	ng/ul	0.00
81) Pyrene-d10	19.209	212	1483353	20.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1593442	20.966	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.839	178	147561	1.885	ng/ul	99
74) Anthracene	16.933	178	145853	1.848	ng/ul	99
80) Fluoranthene	18.874	202	962829	11.346	ng/ul	97
82) Pyrene	19.239	202	829627	9.175	ng/ul#	95
85) Benzo(a)anthracene	21.015	228	589601	6.508	ng/ul	98
87) Chrysene	21.074	228	523868	6.063	ng/ul	99
90) Benzo(b)fluoranthene	22.891	252	657723	7.367	ng/ul	97
91) Benzo(k)fluoranthene	22.944	252	233333m	2.645	ng/ul	
93) Benzo(a)pyrene	23.609	252	503619	6.055	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.720	276	296864	2.786	ng/ul	98
96) Benzo(g,h,i)perylene	27.650	276	268676	3.191	ng/ul	97

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

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