Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045983.D
Acq On : 11 Jun 2024 19:39
Operator : MA/JU
Sample : P2642-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 23:14:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4BH8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.439	152	104927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.210	136	454139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.086	164	295761	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	642604	20.000	ng/ul	0.00
79) Chrysene-d12	21.044	240	701984	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	804491	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	11036	4.078	ng/uL	0.00
4) Pyridine-d5	3.457	84	103819	14.899	ng/ul	0.00
7) Phenol-d5	6.698	99	212578	23.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	156164	24.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.004	132	164807	24.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	175725	26.094	ng/ul	0.00
21) Nitrobenzene-d5	8.610	128	86079	24.242	ng/ul	0.01
24) 2-Nitrophenol-d4	9.316	143	86962	24.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	164353	24.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131	226064	24.238	ng/ul	0.00
46) Dimethylphthalate-d6	13.539	166	554046	27.059	ng/ul	0.00
49) Acenaphthylene-d8	13.774	160	620150	26.082	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	82416	18.651	ng/ul	0.00
60) Fluorene-d10	15.086	176	476168	27.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	55878	17.028	ng/ul	0.00
73) Anthracene-d10	16.927	188	759579	27.190	ng/ul	0.00
81) Pyrene-d10	19.227	212	990611	22.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1060830	28.214	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.868	178	124803	3.686	ng/ul	99
80) Fluoranthene	18.892	202	151622	2.865	ng/ul	97
82) Pyrene	19.256	202	178778	3.288	ng/ul	99
85) Benzo(a)anthracene	21.021	228	80812	1.667	ng/ul	96
87) Chrysene	21.080	228	95990m	2.141	ng/ul	
90) Benzo(b)fluoranthene	22.903	252	94159	1.905	ng/ul#	98
93) Benzo(a)pyrene	23.615	252	71835	1.653	ng/ul	96
96) Benzo(g,h,i)perylene	27.638	276	42590m	1.019	ng/ul	

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

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