Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061659.D
Acq On : 22 Jun 2024 21:55
Operator : MA/JU
Sample : P2776-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 23 00:51:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CA9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	75285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	371474	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.705	164	252587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	557036	20.000	ng/ul	0.00
79) Chrysene-d12	21.708	240	484799	20.000	ng/ul	0.00
88) Perylene-d12	24.934	264	583797	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.471	96	8361m	4.012	ng/uL	0.00
4) Pyridine-d5	3.888	84	119007	18.887	ng/ul	0.00
7) Phenol-d5	7.219	99	174651	21.369	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	102633	20.145	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	122172	21.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	136153	21.549	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	60567	24.013	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	68631	26.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	138855	22.955	ng/ul	0.00
31) 4-Chloroaniline-d4	11.015	131	188634	20.597	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	423746	21.800	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	508501	23.871	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	69386	20.785	ng/ul	0.00
60) Fluorene-d10	15.692	176	383261	22.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	39087	16.410	ng/ul	0.00
73) Anthracene-d10	17.542	188	570778	22.448	ng/ul	0.00
81) Pyrene-d10	19.822	212	623933	23.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264	655201	23.498	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.490	178	46136	1.574	ng/ul#	93
80) Fluoranthene	19.487	202	71795	2.285	ng/ul	100
82) Pyrene	19.851	202	69070	2.067	ng/ul	99
87) Chrysene	21.755	228	34800	1.081	ng/ul	98
90) Benzo(b)fluoranthene	23.911	252	40874	1.165	ng/ul	98
93) Benzo(a)pyrene	24.787	252	34055	1.008	ng/ul#	88

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

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