Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021103.D
Acq On : 23 Jul 2024 17:55
Operator : MA/JU
Sample : P3238-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 24 00:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BG0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	149953	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	607771	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	399416	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	864770	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	918192	20.000	ng/ul	0.00
88) Perylene-d12	24.892	264	1103910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10291	3.123	ng/uL	0.00
4) Pyridine-d5	3.628	84	10985	1.151	ng/ul	0.02
7) Phenol-d5	6.875	99	187344	15.324	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	109585	14.791	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	156453	15.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	130541	12.857	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	74770	15.839	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	86833	16.071	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	145733	14.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	127653	9.863	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	465026	16.016	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	512328	15.714	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	56906m	13.775	ng/ul	0.02
60) Fluorene-d10	15.328	176	424407	17.817	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.493	200	45000	8.600	ng/ul	0.01
73) Anthracene-d10	17.228	188	658525	17.145	ng/ul	0.00
81) Pyrene-d10	19.616	212	830547	14.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	757559	13.914	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.163	178	130720	2.914	ng/ul	99
80) Fluoranthene	19.263	202	216986	3.165	ng/ul	98
82) Pyrene	19.645	202	167234	2.397	ng/ul	99
85) Benzo(a)anthracene	21.551	228	98386	1.530	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.463	149	86411	2.066	ng/ul#	98
87) Chrysene	21.622	228	113307m	1.896	ng/ul	
90) Benzo(b)fluoranthene	23.845	252	144068	2.151	ng/ul#	89
93) Benzo(a)pyrene	24.733	252	64186	1.014	ng/ul#	85

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

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