Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062170.D
Acq On : 22 Jul 2024 20:59
Operator : MA/JU
Sample : P3238-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 23:34:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CH4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	36599	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	161196	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	141587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	364350	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	344056	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	362244	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	2001m	2.553	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.235	99	58685	16.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	35315	17.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	38837	17.103	ng/ul	0.00
15) 4-Methylphenol-d8	8.780	113	44603	16.254	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	20349	15.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	26400	17.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.507	165	60512	18.700	ng/ul	0.00
31) 4-Chloroaniline-d4	11.018	131	26865m	6.902	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	205828	17.151	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	223559	18.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	20918	14.464	ng/ul	0.00
60) Fluorene-d10	15.683	176	186780	18.279	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	31952	13.800	ng/ul	0.00
73) Anthracene-d10	17.533	188	298107m	17.515	ng/ul	0.00
81) Pyrene-d10	19.818	212	343992	17.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	252671	13.953	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.480	178	72340	4.126	ng/ul	98
80) Fluoranthene	19.483	202	158489	7.082	ng/ul	98
82) Pyrene	19.848	202	116913	5.025	ng/ul#	96
85) Benzo(a)anthracene	21.680	228	78574	3.254	ng/ul#	93
87) Chrysene	21.745	228	87324	3.933	ng/ul	95
90) Benzo(b)fluoranthene	23.901	252	108813	4.862	ng/ul	99
91) Benzo(k)fluoranthene	23.966	252	42578m	1.906	ng/ul	
93) Benzo(a)pyrene	24.770	252	45845	2.187	ng/ul#	80
94) Indeno(1,2,3-cd)pyrene	28.618	276	50412m	2.093	ng/ul	

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

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