Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061468.D
Acq On : 4 Jun 2024 23:47
Operator : MA/JU
Sample : P2590-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM2

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 00:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	28905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	120075	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	91529	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	209241	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	230566	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	262019	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1538	2.978	ng/uL	0.00
4) Pyridine-d5	3.740	84	21753	11.838	ng/ul	0.00
7) Phenol-d5	7.065	99	50745	21.378	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	28096	18.831	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	37372	21.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	38352	18.948	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	20594	22.276	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	24719	22.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49071	23.264	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	48974	17.747	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	179811	25.330	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	186585	25.282	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	13975m	15.923	ng/ul	0.02
60) Fluorene-d10	15.508	176	154098	25.143	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	22169	17.518	ng/ul	0.01
73) Anthracene-d10	17.359	188	223394	24.217	ng/ul	0.00
81) Pyrene-d10	19.656	212	314638	26.577	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	344894	27.380	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	27546	2.712	ng/ul	98
80) Fluoranthene	19.321	202	67841	4.777	ng/ul	99
82) Pyrene	19.686	202	62079	4.211	ng/ul	98
85) Benzo(a)anthracene	21.501	228	36601	2.301	ng/ul	98
87) Chrysene	21.501	228	36400	2.485	ng/ul	96
90) Benzo(b)fluoranthene	23.628	252	50212	3.219	ng/ul	99
91) Benzo(k)fluoranthene	23.687	252	20822m	1.315	ng/ul	
93) Benzo(a)pyrene	24.462	252	35826	2.418	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.111	276	27560m	1.538	ng/ul	
96) Benzo(g,h,i)perylene	29.222	276	26416m	1.854	ng/ul	

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

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