Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061464.D
Acq On : 4 Jun 2024 21:02
Operator : MA/JU
Sample : P2590-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM4

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

Quant Time: Jun 04 22:47:32 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	30269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	122575	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	94144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	207530	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	217475	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264	241668	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1853	3.426	ng/uL	0.00
4) Pyridine-d5	3.740	84	16306	8.474	ng/ul	0.00
7) Phenol-d5	7.066	99	51734	20.813	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	31830	20.373	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	40554	22.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	42794	20.190	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	22076	23.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	25650	23.223	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	51490	23.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	44577	15.824	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	173554	23.769	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	190079	25.040	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	17137m	18.984	ng/ul	0.02
60) Fluorene-d10	15.509	176	139738	22.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	20446	16.289	ng/ul	0.01
73) Anthracene-d10	17.359	188	221180	24.174	ng/ul	0.00
81) Pyrene-d10	19.657	212	274536	24.586	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	298617	25.702	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	90974	9.032	ng/ul	97
74) Anthracene	17.395	178	13056m	1.254	ng/ul	
80) Fluoranthene	19.322	202	257959	19.257	ng/ul	99
82) Pyrene	19.686	202	247673	17.812	ng/ul	99
83) Butylbenzylphthalate	20.567	149	6554	1.372	ng/ul#	95
85) Benzo(a)anthracene	21.502	228	146359	9.753	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	22753	3.218	ng/ul	98
87) Chrysene	21.560	228	157698	11.413	ng/ul	97
90) Benzo(b)fluoranthene	23.634	252	218328	15.173	ng/ul	97
91) Benzo(k)fluoranthene	23.687	252	71638	4.904	ng/ul	94
93) Benzo(a)pyrene	24.469	252	145199	10.627	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.117	276	109302	6.615	ng/ul	95
95) Dibenzo(a,h)anthracene	28.147	278	29408m	2.159	ng/ul	
96) Benzo(g,h,i)perylene	29.210	276	109951m	8.365	ng/ul	

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

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