Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061483.D
Acq On : 5 Jun 2024 10:41
Operator : MA/JU
Sample : P2577-18DL2 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW4DL2

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

Quant Time: Jun 05 23:35:31 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	30284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.673	136	125576	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	94340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	216775	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	237287	20.000	ng/ul	0.00
88) Perylene-d12	24.616	264	256281	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.071	99	2359	0.949	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.207	67	1375	0.880	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	1926	1.046	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	1752m	0.826	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	955	0.988	ng/ul	0.01
24) 2-Nitrophenol-d4	9.756	143	1218	1.076	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.332	165	2401m	1.088	ng/ul	0.03
31) 4-Chloroaniline-d4	10.808	131	1285m	0.445	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	7828	1.070	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	8911	1.171	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.509	176	7788	1.233	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.359	188	11818	1.237	ng/ul	0.00
81) Pyrene-d10	19.657	212	15453	1.268	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	12780	1.037	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	20911	1.987	ng/ul	98
80) Fluoranthene	19.322	202	70778	4.843	ng/ul	98
82) Pyrene	19.686	202	55915	3.686	ng/ul	100
83) Butylbenzylphthalate	20.573	149	10976	2.106	ng/ul	96
85) Benzo(a)anthracene	21.502	228	39871	2.435	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.407	149	478160	61.981	ng/ul	99
87) Chrysene	21.560	228	38886	2.579	ng/ul#	95
90) Benzo(b)fluoranthene	23.634	252	58117	3.809	ng/ul	97
91) Benzo(k)fluoranthene	23.693	252	21142m	1.365	ng/ul	
93) Benzo(a)pyrene	24.463	252	23852	1.646	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.117	276	24685m	1.409	ng/ul	

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

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