Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061369.D
Acq On : 30 May 2024 21:17
Operator : MA/JU
Sample : P2570-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B6

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 23:17:16 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	7.870	152	25114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	95670	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	77735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	179763	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	187550	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	204519	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2340m	5.214	ng/uL	0.00
4) Pyridine-d5	3.740	84	22375	14.015	ng/ul	0.00
7) Phenol-d5	7.054	99	45826	22.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	28514	21.997	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	37348	24.469	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	32348	18.395	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	19607	26.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	22828	26.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	44836	26.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.796	131	30766	13.993	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	159204	26.407	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	170242	27.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	14820	19.883	ng/ul	0.00
60) Fluorene-d10	15.503	176	135621	26.055	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	22044	20.275	ng/ul	0.00
73) Anthracene-d10	17.359	188	215166	27.150	ng/ul	0.00
81) Pyrene-d10	19.651	212	269231	27.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	272282	27.692	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.714	128	18473	3.658	ng/ul	97
36) 2-Methylnaphthalene	12.324	142	12084	3.300	ng/ul	96
37) 1-Methylnaphthalene	12.541	142	10515	2.798	ng/ul	84
52) Acenaphthene	14.568	153	52522	11.519	ng/ul	95
56) Dibenzofuran	14.903	168	50642	7.768	ng/ul	100
61) Fluorene	15.555	166	51965	9.213	ng/ul	100
72) Phenanthrene	17.300	178	719849	82.505	ng/ul	99
74) Anthracene	17.394	178	155423	17.229	ng/ul	99
77) Carbazole	17.665	167	64288	8.761	ng/ul	98
80) Fluoranthene	19.316	202	764643	66.190	ng/ul	100
82) Pyrene	19.680	202	681861	56.863	ng/ul	100
85) Benzo(a)anthracene	21.490	228	362820	28.036	ng/ul	96
87) Chrysene	21.554	228	325927	27.352	ng/ul	95
90) Benzo(b)fluoranthene	23.622	252	333672	27.402	ng/ul	97
91) Benzo(k)fluoranthene	23.675	252	144153m	11.661	ng/ul	
93) Benzo(a)pyrene	24.451	252	263690	22.805	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.094	276	160916	11.508	ng/ul	96
95) Dibenzo(a,h)anthracene	28.129	278	45335m	3.932	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276	150393	13.520	ng/ul	98

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

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