Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061441.D
Acq On : 4 Jun 2024 3:46
Operator : MA/JU
Sample : P2577-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 04 04:24:48 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	7.873	152	38459	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	151593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	112646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	264144	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	284850	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	323118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2297	3.342	ng/uL	0.00
4) Pyridine-d5	3.748	84	6372	2.606	ng/ul	0.00
7) Phenol-d5	7.062	99	75363	23.862	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	44775	22.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	57809	24.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	63425	23.552	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	31808	27.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	36602	26.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	74956	28.147	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	60775	17.444	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	238935	27.349	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	279350	30.756	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	24384m	22.575	ng/ul	0.02
60) Fluorene-d10	15.505	176	223107	29.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	26646	16.679	ng/ul	0.00
73) Anthracene-d10	17.362	188	351363	30.172	ng/ul	0.00
81) Pyrene-d10	19.653	212	449300	30.720	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	482813	31.081	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	58619	4.572	ng/ul	99
80) Fluoranthene	19.318	202	171778	9.790	ng/ul	99
82) Pyrene	19.683	202	157382	8.641	ng/ul	99
85) Benzo(a)anthracene	21.498	228	98492	5.011	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.404	149	11741	1.268	ng/ul#	87
87) Chrysene	21.557	228	102265	5.651	ng/ul	98
90) Benzo(b)fluoranthene	23.631	252	144514	7.512	ng/ul#	96
91) Benzo(k)fluoranthene	23.684	252	48187	2.467	ng/ul#	95
93) Benzo(a)pyrene	24.459	252	93158	5.100	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.120	276	60583m	2.742	ng/ul	
96) Benzo(g,h,i)perylene	29.207	276	55999m	3.186	ng/ul	

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

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