Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061285.D
Acq On : 24 May 2024 13:09
Operator : MA/JU
Sample : P2548-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y7

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:16:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	20797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	89218	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.518	164	76313	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	194384	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	189437	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	212202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1642	4.418	ng/uL	0.00
4) Pyridine-d5	3.742	84	12783	9.669	ng/ul	0.00
7) Phenol-d5	7.068	99	43073	25.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	27715	25.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	33368	26.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	35552	24.413	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	18760	27.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.765	143	22497	27.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	42373	27.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	41463	20.222	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	166745	28.173	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	175580	28.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	17479m	23.887	ng/ul	0.00
60) Fluorene-d10	15.511	176	147217	28.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	26685	22.698	ng/ul	0.00
73) Anthracene-d10	17.367	188	250407	29.220	ng/ul	0.00
81) Pyrene-d10	19.659	212	290709	29.888	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	299915	29.398	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.309	178	91315	9.679	ng/ul	98
74) Anthracene	17.397	178	14944m	1.532	ng/ul	
77) Carbazole	17.667	167	8242	1.039	ng/ul#	92
80) Fluoranthene	19.324	202	195395	16.746	ng/ul	99
82) Pyrene	19.688	202	174526	14.409	ng/ul	99
83) Butylbenzylphthalate	20.575	149	5652	1.358	ng/ul#	83
85) Benzo(a)anthracene	21.498	228	95387	7.297	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	19163	3.111	ng/ul#	95
87) Chrysene	21.563	228	101696	8.449	ng/ul	97
90) Benzo(b)fluoranthene	23.631	252	130512	10.330	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	44259m	3.451	ng/ul	
93) Benzo(a)pyrene	24.459	252	90193	7.518	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.096	276	64523	4.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.143	278	17834m	1.491	ng/ul	
96) Benzo(g,h,i)perylene	29.183	276	62160m	5.386	ng/ul	

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

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