Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061353.D
Acq On : 30 May 2024 8:24
Operator : MA/JU
Sample : P2571-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH667

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 09:07:35 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	7.876	152	26368	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.673	136	110792	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.516	164	85196	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	187759	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	194078	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	217498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1930	4.096	ng/uL	0.00
4) Pyridine-d5	3.752	84	7986	4.764	ng/ul	0.00
7) Phenol-d5	7.060	99	44838	20.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	30867	22.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	37810	23.594	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	16042	8.688	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	21069	24.699	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	23567	23.607	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	44307	22.765	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	16636	6.534	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	156037	23.615	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	170721	24.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	12774m	15.637	ng/ul	0.00
60) Fluorene-d10	15.509	176	137334	24.074	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	15947	14.043	ng/ul	0.00
73) Anthracene-d10	17.365	188	204209	24.670	ng/ul	0.00
81) Pyrene-d10	19.657	212	256972	25.787	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	269078	25.733	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	108731	11.931	ng/ul	99
74) Anthracene	17.395	178	13055m	1.386	ng/ul	
77) Carbazole	17.665	167	10658	1.391	ng/ul	95
78) Di-n-butylphthalate	18.229	149	21803	2.270	ng/ul	99
80) Fluoranthene	19.322	202	350982	29.360	ng/ul	99
82) Pyrene	19.686	202	320558	25.833	ng/ul	99
83) Butylbenzylphthalate	20.573	149	21547	5.055	ng/ul	95
85) Benzo(a)anthracene	21.496	228	179573	13.410	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	132948	21.070	ng/ul#	97
87) Chrysene	21.560	228	214689	17.411	ng/ul	97
90) Benzo(b)fluoranthene	23.634	252	292654	22.599	ng/ul	99
91) Benzo(k)fluoranthene	23.687	252	103046m	7.838	ng/ul	
93) Benzo(a)pyrene	24.463	252	183702	14.939	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.094	276	125262	8.424	ng/ul	97
95) Dibenzo(a,h)anthracene	28.141	278	34208m	2.790	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276	115467m	9.761	ng/ul	

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

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