Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061342.D
Acq On : 30 May 2024 00:13
Operator : MA/JU
Sample : P2571-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH665

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

Quant Time: May 30 01:06:40 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	7.883	152	25275	20.000	ng/ul	0.00
20) Naphthalene-d8	10.674	136	106932	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	81838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	180887	20.000	ng/ul	-0.01
79) Chrysene-d12	21.514	240	195003	20.000	ng/ul	0.00
88) Perylene-d12	24.593	264	221975	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1371	3.036	ng/uL	0.00
4) Pyridine-d5	3.746	84	14129	8.794	ng/ul	0.00
7) Phenol-d5	7.060	99	36279	17.479	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	26121	20.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	30546	19.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	29191	16.494	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	17086	20.753	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	18180	18.868	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	34696	18.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	39241	15.968	ng/ul	-0.01
46) Dimethylphthalate-d6	13.923	166	119963	18.900	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	134184	20.335	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.751	143	7425	9.462	ng/ul	0.00
60) Fluorene-d10	15.509	176	107034	19.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	11537	10.545	ng/ul	0.00
73) Anthracene-d10	17.360	188	162896	20.426	ng/ul	0.00
81) Pyrene-d10	19.651	212	214721	21.445	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	234125	21.939	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	28596	3.257	ng/ul	97
80) Fluoranthene	19.322	202	82712	6.886	ng/ul	98
82) Pyrene	19.681	202	77765	6.237	ng/ul	99
85) Benzo(a)anthracene	21.496	228	43364	3.223	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.408	149	14573	2.299	ng/ul	98
87) Chrysene	21.555	228	48019	3.876	ng/ul	95
90) Benzo(b)fluoranthene	23.623	252	67730	5.125	ng/ul	98
91) Benzo(k)fluoranthene	23.676	252	19014m	1.417	ng/ul	
93) Benzo(a)pyrene	24.452	252	42879	3.417	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.094	276	32280m	2.127	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276	30107m	2.494	ng/ul	

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

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