Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On : 6 Dec 2021 23:13
Operator : CG/JU
Sample : M4833-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	23501	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.013	136	103351	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.821	164	73607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.570	188	167397	20.000	ng/ul	0.00
79) Chrysene-d12	21.871	240	141885	20.000	ng/ul	0.00
88) Perylene-d12	25.273	264	138660	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	2461	3.639	ng/uL	-0.02
4) Pyridine-d5	3.969	84	9627	4.851	ng/ul	0.00
7) Phenol-d5	7.353	99	57674	24.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	35382	24.255	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.717	132	42143	25.197	ng/ul	-0.02
15) 4-Methylphenol-d8	8.904	113	42555	22.704	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	22639	25.949	ng/ul	0.00
24) 2-Nitrophenol-d4	10.091	143	26296	26.720	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.643	165	45485	27.240	ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	25076	10.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	156149	27.570	ng/ul	0.00
49) Acenaphthylene-d8	14.521	160	198487	27.792	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	20014	21.831	ng/ul	0.00
60) Fluorene-d10	15.814	176	142634	27.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	16899	16.360	ng/ul	0.00
73) Anthracene-d10	17.670	188	223331	27.895	ng/ul	0.00
81) Pyrene-d10	19.950	212	251751	29.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.038	264	210332	28.402	ng/ul	0.00
Target Compounds						Qvalue
80) Fluoranthene	19.615	202	29479	2.796	ng/ul	97
82) Pyrene	19.979	202	25327	2.455	ng/ul	98
85) Benzo(a)anthracene	21.854	228	12659	1.315	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.707	149	12591	2.040	ng/ul#	98
87) Chrysene	21.918	228	15117	1.635	ng/ul	98
90) Benzo(b)fluoranthene	24.180	252	21020m	2.246	ng/ul	
91) Benzo(k)fluoranthene	24.245	252	9461m	1.077	ng/ul	
93) Benzo(a)pyrene	25.103	252	14080	1.577	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.169	276	12731m	1.274	ng/ul	
96) Benzo(g,h,i)perylene	30.426	276	9258m	1.101	ng/ul	

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

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