Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051339.D
Acq On : 3 Dec 2021 21:29
Operator : CG/JU
Sample : M4833-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM7

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 03 23:38:24 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	8.188	152	27102	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.020	136	121664	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	78860	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	164746	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	144244	20.000	ng/ul	0.00
88) Perylene-d12	25.268	264	140129	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	4495	5.764	ng/uL	0.00
4) Pyridine-d5	3.964	84	43982	19.219	ng/ul	-0.01
7) Phenol-d5	7.354	99	86935	32.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	56829	33.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	64572	33.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	48745	22.551	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	35249	34.322	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	39102	33.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	63486	32.298	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	58842	20.459	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	209451	34.518	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	269366	35.205	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	27030	27.520	ng/ul	0.00
60) Fluorene-d10	15.815	176	184541	33.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	18347	18.048	ng/ul	0.00
73) Anthracene-d10	17.672	188	276267	35.063	ng/ul	0.00
81) Pyrene-d10	19.951	212	328973	37.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	279428	37.337	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.619	178	26247	2.885	ng/ul	95
80) Fluoranthene	19.616	202	65725	6.131	ng/ul	97
82) Pyrene	19.981	202	53270	5.080	ng/ul	96
85) Benzo(a)anthracene	21.855	228	30792	3.147	ng/ul	98
87) Chrysene	21.919	228	30137m	3.207	ng/ul	
90) Benzo(b)fluoranthene	24.187	252	43542	4.604	ng/ul	99
91) Benzo(k)fluoranthene	24.246	252	10703m	1.206	ng/ul	
93) Benzo(a)pyrene	25.110	252	28692	3.180	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.182	276	20590m	2.039	ng/ul	
96) Benzo(g,h,i)perylene	30.410	276	13769m	1.621	ng/ul	

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

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