Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051365.D
Acq On : 7 Dec 2021 1:16
Operator : CG/JU
Sample : M4833-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 07 01:53:51 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

Instrument :
BNA_G
ClientSampleId :
ESQN2

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.195	152	29135	20.000	ng/ul	0.00
20) Naphthalene-d8	11.021	136	130227	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	86856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.584	188	167880	20.000	ng/ul	0.00
79) Chrysene-d12	21.885	240	135098	20.000	ng/ul	0.00
88) Perylene-d12	25.298	264	135173	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3052	3.640	ng/uL	-0.01
4) Pyridine-d5	3.971	84	21810	8.865	ng/ul	0.00
7) Phenol-d5	7.361	99	71446	24.812	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	44287	24.489	ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	53009	25.565	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	51962	22.362	ng/ul	0.00
21) Nitrobenzene-d5	9.376	128	29441	26.781	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	33066	26.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.657	165	57533	27.345	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	35948	11.677	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	189514	28.357	ng/ul	0.00
49) Acenaphthylene-d8	14.529	160	243264	28.866	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	19506	18.032	ng/ul	0.02
60) Fluorene-d10	15.821	176	163887	27.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	5982	5.775	ng/ul	0.02
73) Anthracene-d10	17.684	188	231766	28.866	ng/ul	0.00
81) Pyrene-d10	19.964	212	237811	29.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	209123	28.968	ng/ul	0.02
Target Compounds						Qvalue
80) Fluoranthene	19.629	202	25104	2.500	ng/ul	98
82) Pyrene	19.993	202	22166	2.257	ng/ul	94
85) Benzo(a)anthracene	21.867	228	10431	1.138	ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.720	149	7125	1.213	ng/ul#	91
87) Chrysene	21.932	228	14064m	1.598	ng/ul	
90) Benzo(b)fluoranthene	24.212	252	19803	2.171	ng/ul#	71
93) Benzo(a)pyrene	25.140	252	12120	1.393	ng/ul#	59
94) Indeno(1,2,3-cd)pyrene	29.247	276	10784m	1.107	ng/ul	
96) Benzo(g,h,i)perylene	30.475	276	10321m	1.260	ng/ul	

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

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