Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059575.D
Acq On : 1 Nov 2023 11:57
Operator : MA/JU
Sample : 04922-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 02 02:46:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EOAQ3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	81262	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	364046	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	206800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	399500	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	294311	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	345890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	5848	2.693	ng/uL	0.00
4) Pyridine-d5	4.098	84	16783	2.765	ng/ul	0.00
7) Phenol-d5	7.465	99	124324	14.888	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	59674	15.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	100351	14.813	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	87423	13.196	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	50819	19.633	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	56982	21.443	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	89418	15.273	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	76357	7.923	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	292419	15.608	ng/ul	-0.01
49) Acenaphthylene-d8	14.686	160	356361	16.208	ng/ul	0.00
54) 4-Nitrophenol-d4	15.150	143	48625	15.134	ng/ul	0.00
60) Fluorene-d10	15.973	176	252568	15.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.067	200	36204	19.136	ng/ul	-0.01
73) Anthracene-d10	17.835	188	378474	17.487	ng/ul	0.00
81) Pyrene-d10	20.103	212	385999	18.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.432	264	365899	17.964	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.198	105	38994m	3.734	ng/ul	
36) 2-Methylnaphthalene	12.835	142	69535	4.455	ng/ul	86
37) 1-Methylnaphthalene	13.053	142	70784	4.553	ng/ul	99
72) Phenanthrene	17.782	178	63966	2.463	ng/ul#	89
80) Fluoranthene	19.768	202	106163	4.257	ng/ul#	95
82) Pyrene	20.133	202	98384	3.798	ng/ul#	94
85) Benzo(a)anthracene	22.054	228	59181	2.443	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.895	149	31544	1.807	ng/ul#	86
87) Chrysene	22.119	228	49437	2.194	ng/ul#	89
90) Benzo(b)fluoranthene	24.510	252	65968m	2.631	ng/ul	
93) Benzo(a)pyrene	25.509	252	46605m	1.967	ng/ul	

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

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