Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059003.D
Acq On : 12 Sep 2023 5:48
Operator : MA/JU
Sample : 04235-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 06:30:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYE0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	85264	20.000	ng/ul	0.00
20) Naphthalene-d8	11.167	136	385816	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	281519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.694	188	730041	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.019	240	678780	20.000	ng/ul	0.00
88) Perylene-d12	25.585	264	776070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	7390	3.684	ng/uL	0.00
4) Pyridine-d5	4.069	84	9322	1.468	ng/ul	0.00
7) Phenol-d5	7.436	99	132995	15.468	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	83042	16.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.835	132	84479	15.320	ng/ul	0.00
15) 4-Methylphenol-d8	8.999	113	81948	12.336	ng/ul	0.00
21) Nitrobenzene-d5	9.516	128	51924	18.554	ng/ul	0.00
24) 2-Nitrophenol-d4	10.232	143	44415	14.464	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.755	165	95695	14.663	ng/ul	0.00
31) 4-Chloroaniline-d4	11.308	131	112127	12.776	ng/ul	0.00
46) Dimethylphthalate-d6	14.339	166	389349	17.830	ng/ul	0.00
49) Acenaphthylene-d8	14.645	160	416761	17.139	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	7743	2.135	ng/ul	0.00
60) Fluorene-d10	15.932	176	359892	18.571	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.037	200	4951	1.382	ng/ul	0.00
73) Anthracene-d10	17.794	188	577403	17.817	ng/ul	0.00
81) Pyrene-d10	20.062	212	732646	20.376	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.332	264	736064	19.348	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.163	105	32760	2.975	ng/ul	94
72) Phenanthrene	17.735	178	111265	3.003	ng/ul#	94
80) Fluoranthene	19.733	202	259430	6.213	ng/ul	98
82) Pyrene	20.092	202	215398	4.962	ng/ul	97
85) Benzo(a)anthracene	21.995	228	128481	2.822	ng/ul	94
87) Chrysene	22.072	228	125834	2.974	ng/ul	98
90) Benzo(b)fluoranthene	24.439	252	172463m	3.731	ng/ul	
91) Benzo(k)fluoranthene	24.498	252	71124m	1.505	ng/ul	
93) Benzo(a)pyrene	25.409	252	110940	2.572	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.692	276	89444m	1.641	ng/ul	
96) Benzo(g,h,i)perylene	31.002	276	82431m	1.911	ng/ul	

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

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