Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059002.D
Acq On : 12 Sep 2023 5:07
Operator : MA/JU
Sample : 04235-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 05:58:42 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 :
EZYD9

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	8.326	152	89319	20.000	ng/ul	0.00
20) Naphthalene-d8	11.163	136	409356	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.947	164	300902	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.697	188	768127	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.015	240	689318	20.000	ng/ul	-0.01
88) Perylene-d12	25.582	264	777320	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	10147	4.829	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.427	99	96317	10.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	100559	19.040	ng/ul	0.00
11) 2-Chlorophenol-d4	7.838	132	20055	3.472	ng/ul	0.00
15) 4-Methylphenol-d8	9.001	113	93539	13.442	ng/ul	0.00
21) Nitrobenzene-d5	9.518	128	60397	20.341	ng/ul	0.00
24) 2-Nitrophenol-d4	10.241	143	4888	1.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.752	165	10346	1.494	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.304	131	133038	14.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.342	166	479579	20.547	ng/ul	0.00
49) Acenaphthylene-d8	14.648	160	521323	20.058	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	146	0.038	ng/ul	-0.01
60) Fluorene-d10	15.934	176	458414	22.131	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	359	0.095	ng/ul	0.00
73) Anthracene-d10	17.791	188	719017	21.086	ng/ul	0.00
81) Pyrene-d10	20.065	212	871644	23.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.335	264	861640	22.613	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.166	105	57499m	4.984	ng/ul	
72) Phenanthrene	17.738	178	176086	4.517	ng/ul	98
80) Fluoranthene	19.730	202	617986	14.574	ng/ul	97
82) Pyrene	20.094	202	488152	11.073	ng/ul#	95
85) Benzo(a)anthracene	21.998	228	268197	5.802	ng/ul	99
87) Chrysene	22.068	228	350658	8.160	ng/ul	98
90) Benzo(b)fluoranthene	24.430	252	511106	11.038	ng/ul	96
91) Benzo(k)fluoranthene	24.507	252	197306m	4.170	ng/ul	
93) Benzo(a)pyrene	25.411	252	248783	5.758	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.701	276	295866	5.420	ng/ul	95
95) Dibenzo(a,h)anthracene	29.771	278	82623m	1.827	ng/ul	
96) Benzo(g,h,i)perylene	31.005	276	308006m	7.128	ng/ul	

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

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