Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059029.D
Acq On : 13 Sep 2023 4:15
Operator : MA/JU
Sample : 04175-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 13 05:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYK2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	80447	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	358266	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.939	164	239833	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	525126	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.013	240	456155	20.000	ng/ul	# 0.00
88) Perylene-d12	25.592	264	537587	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.623	96	11650	6.155	ng/uL	0.00
4) Pyridine-d5	4.058	84	132991	22.194	ng/ul	0.00
7) Phenol-d5	7.425	99	282016	34.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.630	67	164692	34.622	ng/ul	0.00
11) 2-Chlorophenol-d4	7.830	132	187407	36.020	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	99833	15.929	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	111610	42.948	ng/ul	0.00
24) 2-Nitrophenol-d4	10.227	143	117821	41.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	188557	31.114	ng/ul	0.00
31) 4-Chloroaniline-d4	11.296	131	184552	22.645	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	815633	43.843	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	913378	44.090	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	12746	4.125	ng/ul	-0.01
60) Fluorene-d10	15.926	176	750471	45.456	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	10212	3.962	ng/ul	0.00
73) Anthracene-d10	17.789	188	1047349	44.928	ng/ul	0.00
81) Pyrene-d10	20.063	212	1162774	48.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.345	264	1195053	45.348	ng/ul	0.02
Target Compounds						Qvalue
80) Fluoranthene	19.722	202	40754	1.452	ng/ul#	93
82) Pyrene	20.092	202	116625	3.998	ng/ul#	91
87) Chrysene	22.060	228	90272m	3.174	ng/ul	
90) Benzo(b)fluoranthene	24.440	252	92062m	2.875	ng/ul	
93) Benzo(a)pyrene	25.427	252	49536	1.658	ng/ul#	6
94) Indeno(1,2,3-cd)pyrene	29.740	276	83242m	2.205	ng/ul	
96) Benzo(g,h,i)perylene	31.062	276	102832m	3.441	ng/ul	

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

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