Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059007.D
Acq On : 12 Sep 2023 8:32
Operator : MA/JU
Sample : 04235-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYW8

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 09:18:12 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	102002	20.000	ng/ul	0.00
20) Naphthalene-d8	11.168	136	459115	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.946	164	289353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.702	188	638167	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.038	240	523943	20.000	ng/ul	# 0.01
88) Perylene-d12	25.639	264	633700	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.636	96	5246m	2.186	ng/uL	0.00
4) Pyridine-d5	4.076	84	3513	0.462	ng/ul	0.00
7) Phenol-d5	7.431	99	24121	2.345	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	57686	9.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.843	132	4136	0.627	ng/ul	0.00
15) 4-Methylphenol-d8	9.006	113	39736	5.000	ng/ul	0.00
21) Nitrobenzene-d5	9.523	128	34540	10.372	ng/ul	0.00
24) 2-Nitrophenol-d4	10.246	143	1617	0.443	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.763	165	2044	0.263	ng/ul	0.00
31) 4-Chloroaniline-d4	11.303	131	89565	8.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.341	166	250428	11.158	ng/ul	0.00
49) Acenaphthylene-d8	14.652	160	302613	12.108	ng/ul	0.00
54) 4-Nitrophenol-d4	15.122	143	2721	0.730	ng/ul	0.00
60) Fluorene-d10	15.939	176	242098	12.154	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.045	200	992	0.317	ng/ul	0.00
73) Anthracene-d10	17.796	188	361102	12.746	ng/ul	0.00
81) Pyrene-d10	20.069	212	391999	14.124	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.387	264	382140	12.302	ng/ul	0.05
Target Compounds						Qvalue
16) Acetophenone	9.165	105	38339m	2.910	ng/ul	
36) 2-Methylnaphthalene	12.796	142	133746	7.406	ng/ul	99
37) 1-Methylnaphthalene	13.013	142	135425	7.603	ng/ul#	96
43) 1,1'-Biphenyl	13.794	154	32911	1.522	ng/ul	98
72) Phenanthrene	17.743	178	309929	9.569	ng/ul	97
80) Fluoranthene	19.734	202	399338	12.390	ng/ul	98
82) Pyrene	20.099	202	290687	8.675	ng/ul	98
85) Benzo(a)anthracene	22.014	228	84600	2.408	ng/ul#	78
87) Chrysene	22.085	228	230604	7.060	ng/ul#	85
90) Benzo(b)fluoranthene	24.470	252	266416	7.057	ng/ul#	31
91) Benzo(k)fluoranthene	24.546	252	94220m	2.442	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.823	276	129822m	2.917	ng/ul	
96) Benzo(g,h,i)perylene	31.133	276	137327m	3.899	ng/ul	

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

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