Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059005.D
Acq On : 12 Sep 2023 7:10
Operator : MA/JU
Sample : 04235-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 12 07:55:16 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 :
EZYK0

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	8.324	152	79964	20.000	ng/ul	0.00
20) Naphthalene-d8	11.168	136	360669	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.951	164	266008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.695	188	623905	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.025	240	526378	20.000	ng/ul	# 0.00
88) Perylene-d12	25.598	264	636579	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	3565	1.895	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.437	99	86466	10.723	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	50254	10.628	ng/ul	0.00
11) 2-Chlorophenol-d4	7.842	132	59618	11.528	ng/ul	0.00
15) 4-Methylphenol-d8	9.005	113	67075	10.767	ng/ul	0.00
21) Nitrobenzene-d5	9.517	128	27886	10.659	ng/ul	0.00
24) 2-Nitrophenol-d4	10.239	143	34803	12.124	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.762	165	76433	12.528	ng/ul	0.00
31) 4-Chloroaniline-d4	11.309	131	66861	8.149	ng/ul	0.00
46) Dimethylphthalate-d6	14.340	166	257244	12.467	ng/ul	0.00
49) Acenaphthylene-d8	14.652	160	285182	12.412	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	23069	6.731	ng/ul	0.00
60) Fluorene-d10	15.933	176	243448	13.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	18676	6.098	ng/ul	0.00
73) Anthracene-d10	17.801	188	365177	13.185	ng/ul	0.00
81) Pyrene-d10	20.069	212	413800	14.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	433473	13.891	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.466	94	8900m	1.038	ng/ul	
16) Acetophenone	9.170	105	60481	5.856	ng/ul	93
30) Naphthalene	11.220	128	36816	1.936	ng/ul#	95
36) 2-Methylnaphthalene	12.795	142	42818	3.018	ng/ul	93
37) 1-Methylnaphthalene	13.018	142	29701	2.123	ng/ul#	94
52) Acenaphthene	15.010	153	51124	3.041	ng/ul	94
56) Dibenzofuran	15.339	168	75312	3.093	ng/ul	94
61) Fluorene	15.991	166	93294	4.662	ng/ul#	98
72) Phenanthrene	17.742	178	994845	31.418	ng/ul	100
74) Anthracene	17.830	178	266583	8.283	ng/ul	96
77) Carbazole	18.107	167	76220	2.828	ng/ul#	91
80) Fluoranthene	19.734	202	1088999	33.631	ng/ul	98
82) Pyrene	20.098	202	890541	26.455	ng/ul	100
85) Benzo(a)anthracene	22.002	228	455216	12.895	ng/ul	93
87) Chrysene	22.072	228	457925	13.954	ng/ul#	94
90) Benzo(b)fluoranthene	24.440	252	599616	15.812	ng/ul#	94
91) Benzo(k)fluoranthene	24.511	252	225185m	5.811	ng/ul	
93) Benzo(a)pyrene	25.422	252	456990	12.916	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.716	276	326729	7.309	ng/ul	97
95) Dibenzo(a,h)anthracene	29.775	278	101002m	2.727	ng/ul	
96) Benzo(g,h,i)perylene	31.021	276	340127m	9.612	ng/ul	

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