Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 01:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH5P1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	19077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	82159	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.521	164	73283	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	188729m	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	195303	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	211928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1411	4.139	ng/uL	0.00
4) Pyridine-d5	3.745	84	20346	16.777	ng/ul	0.00
7) Phenol-d5	7.065	99	29641	18.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	20370	20.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	23253	20.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	26399	19.762	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	12635	19.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	14869	20.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	29779	20.633	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	39305	20.816	ng/ul	0.00
46) Dimethylphthalate-d6	13.921	166	123765	21.776	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	128741	21.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	14532	20.681	ng/ul	0.00
60) Fluorene-d10	15.514	176	112724	22.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	19371	16.970	ng/ul	0.00
73) Anthracene-d10	17.364	188	201993	24.277	ng/ul	0.00
81) Pyrene-d10	19.656	212	247690	24.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	249412	24.479	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.312	178	64327m	7.023	ng/ul	
74) Anthracene	17.400	178	11804	1.246	ng/ul	95
80) Fluoranthene	19.321	202	124236	10.327	ng/ul	99
82) Pyrene	19.685	202	107087	8.576	ng/ul	100
85) Benzo(a)anthracene	21.495	228	59930	4.447	ng/ul	96
87) Chrysene	21.560	228	56414	4.546	ng/ul	95
90) Benzo(b)fluoranthene	23.622	252	71920	5.700	ng/ul#	99
91) Benzo(k)fluoranthene	23.686	252	26439m	2.064	ng/ul	
93) Benzo(a)pyrene	24.456	252	52679	4.397	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	36429m	2.514	ng/ul	
96) Benzo(g,h,i)perylene	29.180	276	33839m	2.936	ng/ul	

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

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