Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061349.D
Acq On : 30 May 2024 5:40
Operator : MA/JU
Sample : P2571-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 30 06:29:18 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 :
BH659

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	26476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	111358	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.515	164	82055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	180288	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	195931	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	221534	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1852	3.915	ng/uL	0.00
4) Pyridine-d5	3.751	84	26024	15.462	ng/ul	0.00
7) Phenol-d5	7.065	99	45627	20.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	29047	21.255	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	36446	22.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	36536	19.707	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	19953	23.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	22902	22.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44979	22.993	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	37681	14.723	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	143631	22.569	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	160044	24.189	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	16178m	20.562	ng/ul	0.00
60) Fluorene-d10	15.508	176	126189	22.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	15164	13.907	ng/ul	0.00
73) Anthracene-d10	17.365	188	193261	24.315	ng/ul	0.00
81) Pyrene-d10	19.656	212	237645	23.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	263293	24.721	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	62202	7.108	ng/ul	98
80) Fluoranthene	19.321	202	169536	14.048	ng/ul	99
82) Pyrene	19.685	202	152751	12.194	ng/ul	99
85) Benzo(a)anthracene	21.495	228	85945	6.357	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	15902	2.496	ng/ul#	89
87) Chrysene	21.560	228	99429	7.987	ng/ul	94
90) Benzo(b)fluoranthene	23.628	252	138007	10.463	ng/ul#	98
91) Benzo(k)fluoranthene	23.687	252	46456m	3.469	ng/ul	
93) Benzo(a)pyrene	24.450	252	88777	7.088	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.081	276	66422m	4.385	ng/ul	
95) Dibenzo(a,h)anthracene	28.146	278	16531m	1.324	ng/ul	
96) Benzo(g,h,i)perylene	29.186	276	54884m	4.555	ng/ul	

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

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