Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061368.D
Acq On : 30 May 2024 20:36
Operator : MA/JU
Sample : P2570-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 30 23:14:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH6B2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	23767	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	94917	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.503	164	78809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.253	188	179934	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.507	240	188525	20.000	ng/ul	0.00
88) Perylene-d12	24.591	264	203935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1957	4.608	ng/uL	0.00
4) Pyridine-d5	3.739	84	31506	20.853	ng/ul	0.00
7) Phenol-d5	7.053	99	41804	21.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	27018	22.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	34195	23.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	30104	18.089	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	17786	24.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	20363	23.809	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.296	165	40957	24.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	27135	12.439	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	141759	23.193	ng/ul	0.00
49) Acenaphthylene-d8	14.197	160	157677	24.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	14223m	18.822	ng/ul	0.00
60) Fluorene-d10	15.502	176	126141	23.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	21157	19.441	ng/ul	0.00
73) Anthracene-d10	17.353	188	205977	25.965	ng/ul	0.00
81) Pyrene-d10	19.650	212	258365	26.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	278550	28.411	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	61173	7.005	ng/ul	97
80) Fluoranthene	19.315	202	155357	13.379	ng/ul	98
82) Pyrene	19.679	202	141416	11.732	ng/ul	99
83) Butylbenzylphthalate	20.566	149	8809	2.127	ng/ul	95
85) Benzo(a)anthracene	21.489	228	84903	6.527	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.401	149	56577	9.231	ng/ul	98
87) Chrysene	21.554	228	94147	7.860	ng/ul	97
90) Benzo(b)fluoranthene	23.616	252	126990	10.459	ng/ul	99
91) Benzo(k)fluoranthene	23.669	252	44732m	3.629	ng/ul	
93) Benzo(a)pyrene	24.444	252	93323	8.094	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.081	276	66714m	4.785	ng/ul	
95) Dibenzo(a,h)anthracene	28.122	278	19060m	1.658	ng/ul	
96) Benzo(g,h,i)perylene	29.162	276	105582	9.519	ng/ul#	97

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

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