Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061089.D
Acq On : 2 May 2024 11:58
Operator : MA/JU
Sample : P2330-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 13:04:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E-2(0.5-1.5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	21984	20.000	ng		-0.03
21) Naphthalene-d8	10.728	136	88400	20.000	ng		-0.03
39) Acenaphthene-d10	14.559	164	68037	20.000	ng		-0.03
64) Phenanthrene-d10	17.308	188	163525	20.000	ng		-0.02
76) Chrysene-d12	21.562	240	167560	20.000	ng		-0.03
86) Perylene-d12	24.688	264	190321	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	101569	93.961	ng		-0.02
7) Phenol-d6	7.109	99	142003	88.802	ng		-0.02
23) Nitrobenzene-d5	9.089	82	104663	58.692	ng		-0.03
42) 2,4,6-Tribromophenol	16.051	330	125236	92.089	ng		-0.02
45) 2-Fluorobiphenyl	13.184	172	295894	64.310	ng		-0.02
79) Terphenyl-d14	19.929	244	585612	58.126	ng		-0.02
Target Compounds							Qvalue
71) Phenanthrene	17.349	178	23130	3.093	ng		100
75) Fluoranthene	19.359	202	77113	7.528	ng		99
78) Pyrene	19.723	202	73170	6.869	ng		99
81) Benzo(a)anthracene	21.545	228	42222	3.851	ng	#	93
83) Chrysene	21.609	228	41638	4.053	ng		92
87) Indeno(1,2,3-cd)pyrene	28.219	276	26330m	2.088	ng		
88) Benzo(b)fluoranthene	23.701	252	50693	4.767	ng	#	97
89) Benzo(k)fluoranthene	23.754	252	20701m	2.023	ng		
90) Benzo(a)pyrene	24.535	252	38945	4.203	ng	#	98
92) Benzo(g,h,i)perylene	29.324	276	22252m	2.144	ng		

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

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