Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
Data File : BG057617.D
Acq On : 30 May 2023 22:18
Operator : CG/JU
Sample : 02953-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PNNL-RH-524-2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Quant Time: May 31 03:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 03:25:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.343	152	29052	20.000	ng		0.00
21) Naphthalene-d8	11.181	136	117635	20.000	ng		0.00
39) Acenaphthene-d10	14.958	164	81423	20.000	ng		0.00
64) Phenanthrene-d10	17.696	188	180948	20.000	ng		0.00
76) Chrysene-d12	22.001	240	146538	20.000	ng		0.00
86) Perylene-d12	25.503	264	138633	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.864	112	73115	43.723	ng		0.00
7) Phenol-d6	7.492	99	104707	40.010	ng		0.00
23) Nitrobenzene-d5	9.524	82	67677	26.894	ng		0.00
42) 2,4,6-Tribromophenol	16.444	330	46928	35.999	ng		0.00
45) 2-Fluorobiphenyl	13.578	172	168203	29.688	ng		0.00
79) Terphenyl-d14	20.263	244	248827	29.414	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.737	178	110073	11.887	ng		98
72) Anthracene	17.831	178	27902	2.937	ng		99
75) Fluoranthene	19.728	202	163773	13.624	ng		99
78) Pyrene	20.092	202	139586	13.378	ng		98
81) Benzo(a)anthracene	21.984	228	76350	7.510	ng		98
83) Chrysene	22.048	228	64515	6.715	ng		97
87) Indeno(1,2,3-cd)pyrene	29.527	276	20718m	2.143	ng		
88) Benzo(b)fluoranthene	24.381	252	66364	7.777	ng	#	93
89) Benzo(k)fluoranthene	24.445	252	35745m	4.151	ng		
90) Benzo(a)pyrene	25.332	252	49994	6.008	ng	#	92
92) Benzo(g,h,i)perylene	30.819	276	17696m	2.256	ng		

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

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