Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058896.D
Acq On : 29 Aug 2023 20:51
Operator : MA/JU
Sample : 04188-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 21:29:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 14:27:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.791	152	21383	20.000	ng		0.00
21) Naphthalene-d8	10.594	136	88148	20.000	ng		0.00
39) Acenaphthene-d10	14.442	164	57208	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	121277	20.000	ng	#	0.00
76) Chrysene-d12	21.434	240	92020	20.000	ng		0.00
86) Perylene-d12	24.495	264	86889	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.371	112	115216	86.710	ng		0.01
7) Phenol-d6	6.969	99	161546	86.654	ng		0.00
23) Nitrobenzene-d5	8.955	82	102050	55.660	ng		0.00
42) 2,4,6-Tribromophenol	15.935	330	80992	90.291	ng		0.00
45) 2-Fluorobiphenyl	13.062	172	220713	56.114	ng		0.00
79) Terphenyl-d14	19.812	244	297631	58.077	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.233	178	147503	25.335	ng		98
72) Anthracene	17.321	178	26292	4.503	ng		97
73) Carbazole	17.597	167	11257	2.105	ng		96
75) Fluoranthene	19.248	202	282200	39.086	ng		98
78) Pyrene	19.613	202	239527	37.358	ng		98
81) Benzo(a)anthracene	21.416	228	128287	20.028	ng		99
83) Chrysene	21.475	228	125176	20.274	ng		99
87) Indeno(1,2,3-cd)pyrene	27.985	276	35083	5.968	ng	#	97
88) Benzo(b)fluoranthene	23.526	252	146846	30.459	ng		95
89) Benzo(k)fluoranthene	23.584	252	45212m	9.093	ng		
90) Benzo(a)pyrene	24.354	252	99359	20.931	ng	#	99
92) Benzo(g,h,i)perylene	29.066	276	28467	5.894	ng	#	85

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

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