

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061077.D
 Acq On : 1 May 2024 15:22
 Operator : MA/JU
 Sample : P2307-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 01 16:35:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	28381	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	109998	20.000	ng	-0.03
39) Acenaphthene-d10	14.562	164	83009	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	189326	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	183589	20.000	ng	-0.03
86) Perylene-d12	24.691	264	230030	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	120227	86.153	ng	-0.02
7) Phenol-d6	7.106	99	158273	76.668	ng	-0.03
23) Nitrobenzene-d5	9.086	82	116591	52.543	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	125495	75.636	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	318487	56.735	ng	-0.02
79) Terphenyl-d14	19.932	244	577830	52.346	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.353	178	58258	6.730	ng	97
75) Fluoranthene	19.362	202	177211	14.942	ng	99
78) Pyrene	19.727	202	171219	14.669	ng	99
81) Benzo(a)anthracene	21.548	228	98749	8.220	ng	98
83) Chrysene	21.613	228	99854	8.872	ng	96
87) Indeno(1,2,3-cd)pyrene	28.223	276	64127	4.207	ng	# 58
88) Benzo(b)fluoranthene	23.704	252	146459	11.394	ng	99
89) Benzo(k)fluoranthene	23.769	252	46128m	3.730	ng	
90) Benzo(a)pyrene	24.545	252	96779	8.642	ng	99
92) Benzo(g,h,i)perylene	29.315	276	71682m	5.714	ng	

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

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