

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
 Data File : BG061121.D
 Acq On : 6 May 2024 15:27
 Operator : MA/JU
 Sample : P2390-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BG-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 16:04:42 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	7.930	152	26335	20.000	ng	-0.03
21) Naphthalene-d8	10.733	136	104355	20.000	ng	-0.03
39) Acenaphthene-d10	14.564	164	77493	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	176874	20.000	ng	#-0.03
76) Chrysene-d12	21.573	240	178116	20.000	ng	-0.02
86) Perylene-d12	24.699	264	147541m	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	83159	64.220	ng	-0.02
7) Phenol-d6	7.108	99	120017	62.653	ng	-0.03
23) Nitrobenzene-d5	9.088	82	88479	42.031	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	92461	59.693	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	238737	45.556	ng	-0.03
79) Terphenyl-d14	19.928	244	404156	37.738	ng	-0.03
Target Compounds						Qvalue
71) Phenanthrene	17.354	178	52282	6.465	ng	96
75) Fluoranthene	19.364	202	175344	15.826	ng	100
78) Pyrene	19.728	202	138577	12.238	ng	98
81) Benzo(a)anthracene	21.549	228	72930	6.257	ng	97
83) Chrysene	21.614	228	97182	8.899	ng	95
87) Indeno(1,2,3-cd)pyrene	28.259	276	27121m	2.774	ng	
88) Benzo(b)fluoranthene	23.712	252	90651	10.995	ng	96
89) Benzo(k)fluoranthene	23.765	252	49865m	6.287	ng	
90) Benzo(a)pyrene	24.552	252	50060	6.969	ng	# 95
92) Benzo(g,h,i)perylene	29.334	276	26142m	3.249	ng	

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

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