

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
 Data File : BG061090.D
 Acq On : 2 May 2024 12:40
 Operator : MA/JU
 Sample : P2330-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F-3(0.5-1.5)

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:22:15 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	27284	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	104028	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	80220	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	179809	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	179786	20.000	ng	-0.03
86) Perylene-d12	24.692	264	187050	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	112329	83.729	ng	-0.02
7) Phenol-d6	7.107	99	153438	77.314	ng	-0.03
23) Nitrobenzene-d5	9.087	82	112168	53.451	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	125654	78.364	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	302812	55.818	ng	-0.03
79) Terphenyl-d14	19.927	244	499438	46.201	ng	-0.03
Target Compounds						Qvalue
71) Phenanthrene	17.348	178	43761	5.323	ng	96
75) Fluoranthene	19.363	202	105462	9.363	ng	99
78) Pyrene	19.728	202	94886	8.301	ng	99
81) Benzo(a)anthracene	21.549	228	55881	4.750	ng	96
83) Chrysene	21.614	228	63029m	5.718	ng	
87) Indeno(1,2,3-cd)pyrene	28.224	276	33655m	2.715	ng	
88) Benzo(b)fluoranthene	23.711	252	71703	6.860	ng	# 93
89) Benzo(k)fluoranthene	23.752	252	32499m	3.232	ng	
90) Benzo(a)pyrene	24.540	252	45179	4.961	ng	99
92) Benzo(g,h,i)perylene	29.322	276	23903m	2.343	ng	

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

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