

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
 Data File : BG055045.D
 Acq On : 30 Sep 2022 18:02
 Operator : CG/JU
 Sample : N4892-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALI

Quant Time: Oct 01 02:14:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
 Supervised By :mohammad ahmed 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	38549	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	163861	20.000	ng	#-0.01
39) Acenaphthene-d10	14.952	164	108894	20.000	ng	0.00
64) Phenanthrene-d10	17.684	188	225053	20.000	ng	0.00
76) Chrysene-d12	21.979	240	208927	20.000	ng	#-0.02
86) Perylene-d12	25.439	264	223701	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.862	112	263428	130.997	ng	0.00
7) Phenol-d6	7.472	99	360181	134.995	ng	0.00
23) Nitrobenzene-d5	9.517	82	217773	85.752	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	163848	132.603	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	538224	77.802	ng	0.00
79) Terphenyl-d14	20.263	244	731863	73.046	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.725	178	25556	2.200	ng	95
75) Fluoranthene	19.711	202	98095	6.588	ng	95
78) Pyrene	20.075	202	96585	7.225	ng	97
81) Benzo(a)anthracene	21.961	228	62879	4.698	ng	99
83) Chrysene	22.032	228	74167m	5.884	ng	
87) Indeno(1,2,3-cd)pyrene	29.411	276	68312	4.180	ng	94
88) Benzo(b)fluoranthene	24.341	252	122315	9.183	ng	99
89) Benzo(k)fluoranthene	24.399	252	44462m	3.374	ng	
90) Benzo(a)pyrene	25.275	252	82010	7.285	ng	97
92) Benzo(g,h,i)perylene	30.663	276	65967	4.985	ng	# 92

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

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