

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055480.D
 Acq On : 5 Nov 2022 21:46
 Operator : CG/JU
 Sample : N5430-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-1102

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 01:00:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	36486	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	152595	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	98701	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	204219	20.000	ng	0.00
76) Chrysene-d12	21.849	240	196690	20.000	ng	0.00
86) Perylene-d12	25.221	264	213698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	190564	93.796	ng	0.00
7) Phenol-d6	7.384	99	249251	88.467	ng	0.00
23) Nitrobenzene-d5	9.405	82	149121	52.082	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	116694	86.677	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	371203	55.761	ng	0.00
79) Terphenyl-d14	20.157	244	538421	53.230	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.624	178	34271	2.983	ng	99
75) Fluoranthene	19.616	202	106412	7.701	ng	98
78) Pyrene	19.975	202	112837	8.132	ng	98
80) Butylbenzylphthalate	20.827	149	166538	28.788	ng	100
81) Benzo(a)anthracene	21.831	228	61107	4.526	ng	98
83) Chrysene	21.896	228	69385m	5.386	ng	
87) Indeno(1,2,3-cd)pyrene	29.111	276	36844	2.147	ng	# 89
88) Benzo(b)fluoranthene	24.146	252	86586	6.379	ng	# 77
89) Benzo(k)fluoranthene	24.211	252	42520m	3.117	ng	
90) Benzo(a)pyrene	25.063	252	61047	5.201	ng	# 90
92) Benzo(g,h,i)perylene	30.327	276	33157	2.355	ng	# 87

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

