

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056561.D
 Acq On : 6 Feb 2023 19:08
 Operator : CG/JU
 Sample : 01403-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NPWAYNE-SOIL-0201DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:35:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.280	152	51191	20.000	ng	# 0.00
21) Naphthalene-d8	11.106	136	184976	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	129395	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	288764	20.000	ng	0.00
76) Chrysene-d12	21.934	240	262777	20.000	ng	0.00
86) Perylene-d12	25.365	264	282573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	144942	52.086	ng	0.01
7) Phenol-d6	7.428	99	199543	48.396	ng	0.01
23) Nitrobenzene-d5	9.449	82	107178	32.902	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	80783	46.961	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	325101	34.834	ng	0.00
79) Terphenyl-d14	20.213	244	471115	31.489	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.371	122	6698m	3.752	ng	
49) Acenaphthylene	14.625	152	73456	6.155	ng	98
71) Phenanthrene	17.680	178	318757	21.091	ng	98
72) Anthracene	17.768	178	88164	5.683	ng	99
75) Fluoranthene	19.678	202	1047222	54.901	ng	99
78) Pyrene	20.036	202	893325	47.799	ng	99
81) Benzo(a)anthracene	21.911	228	566603	30.842	ng	99
83) Chrysene	21.981	228	525966	30.474	ng	98
87) Indeno(1,2,3-cd)pyrene	29.314	276	232667	11.248	ng	# 87
88) Benzo(b)fluoranthene	24.273	252	800082	45.617	ng	99
89) Benzo(k)fluoranthene	24.331	252	276505m	15.615	ng	
90) Benzo(a)pyrene	25.207	252	424990	24.599	ng	98
91) Dibenzo(a,h)anthracene	29.343	278	66489m	3.829	ng	
92) Benzo(g,h,i)perylene	30.553	276	175442	10.472	ng	97

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

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