

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130504.D
 Acq On : 03 Oct 2022 18:00
 Operator : CG\JU
 Sample : N4943-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-002-0930

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 04 03:17:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	92152	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	366523	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	179399	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	270536	20.000	ng	0.00
76) Chrysene-d12	13.780	240	138575	20.000	ng	-0.01
86) Perylene-d12	15.168	264	163797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	510572	96.099	ng	0.00
7) Phenol-d6	6.281	99	656876	98.811	ng	-0.01
23) Nitrobenzene-d5	7.204	82	415276	57.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	137674	80.090	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	700961	56.897	ng	-0.01
79) Terphenyl-d14	12.733	244	489155	58.472	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.940	128	726234	38.460	ng	100
37) 2-Methylnaphthalene	8.634	142	369142	30.661	ng	98
38) 1-Methylnaphthalene	8.728	142	177470	15.345	ng	100
46) 1,1'-Biphenyl	9.092	154	91347	6.818	ng	98
52) Acenaphthene	9.704	154	283406	26.543	ng	100
55) Dibenzofuran	9.875	168	446908	30.093	ng	98
58) Fluorene	10.216	166	446356	36.751	ng	100
71) Phenanthrene	11.180	178	1437617	94.648	ng	99
72) Anthracene	11.222	178	125038	8.531	ng	99
73) Carbazole	11.386	167	39184	2.962	ng	98
75) Fluoranthene	12.357	202	583292	39.742	ng	99
78) Pyrene	12.586	202	358509	29.574	ng	99
81) Benzo(a)anthracene	13.769	228	69894	7.582	ng	98
83) Chrysene	13.804	228	55109	6.296	ng	95
88) Benzo(b)fluoranthene	14.780	252	33366m	3.121	ng	
90) Benzo(a)pyrene	15.110	252	22268	2.629	ng	97

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

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