

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135665.D
 Acq On : 09 Oct 2023 22:43
 Operator : CG\JU
 Sample : 04778-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 02:29:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	112504	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	416997	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	203403	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	338226	20.000	ng	0.00
76) Chrysene-d12	13.933	240	202522	20.000	ng	0.00
86) Perylene-d12	15.404	264	219103	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	661773	95.671	ng	0.00
7) Phenol-d6	6.392	99	811487	92.261	ng	0.00
23) Nitrobenzene-d5	7.304	82	499676	65.101	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	180166	89.132	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	828138	61.426	ng	0.00
79) Terphenyl-d14	12.863	244	637244	48.777	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.039	128	192877	9.520	ng	99
37) 2-Methylnaphthalene	8.733	142	49777	3.655	ng	98
38) 1-Methylnaphthalene	8.828	142	32203	2.526	ng	97
52) Acenaphthene	9.804	154	48627	4.367	ng	98
55) Dibenzofuran	9.980	168	65274	3.842	ng	98
58) Fluorene	10.327	166	63984	4.898	ng	98
71) Phenanthrene	11.292	178	290573	18.165	ng	100
72) Anthracene	11.345	178	36054	2.193	ng	99
73) Carbazole	11.510	167	41073	2.744	ng	98
75) Fluoranthene	12.492	202	202629	12.157	ng	97
78) Pyrene	12.721	202	149931	7.776	ng	97
81) Benzo(a)anthracene	13.921	228	48049	3.674	ng	98
83) Chrysene	13.957	228	51086	3.929	ng	98
88) Benzo(b)fluoranthene	14.980	252	55330m	4.665	ng	
90) Benzo(a)pyrene	15.345	252	30580	2.704	ng	98

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

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