

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038351.D
 Acq On : 30 Dec 2022 14:18
 Operator : CG/JU
 Sample : N5388-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Quant Time: Dec 30 22:51:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
 Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	3840	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.638	164	2105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	4387	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	4456	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	5536	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	1143	0.557	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	1969	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	4959	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	213m	0.101	ng/ul	
5) Naphthalene	10.873	128	661	0.064	ng/ul#	68
7) 2-Methylnaphthalene	12.484	142	385	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	382	0.060	ng/ul	96
10) Acenaphthylene	14.365	152	650	0.066	ng/ul#	80
11) Acenaphthene	14.703	153	479	0.066	ng/ul	94
12) Fluorene	15.688	166	526	0.064	ng/ul#	96
14) Pentachlorophenol	17.050	266	127	0.081	ng/ul	90
15) Phenanthrene	17.421	178	850	0.066	ng/ul#	81
16) Anthracene	17.519	178	796	0.067	ng/ul#	73
19) Fluoranthene	19.431	202	1094	0.071	ng/ul#	77
20) Pyrene	19.794	202	1163	0.071	ng/ul#	82
21) Benzo(a)anthracene	21.536	228	977	0.066	ng/ul#	87
22) Chrysene	21.588	228	1060	0.068	ng/ul#	92
24) Benzo(b)fluoranthene	23.240	252	1204	0.060	ng/ul#	39
25) Benzo(k)fluoranthene	23.290	252	1146	0.057	ng/ul#	39
26) Benzo(a)pyrene	23.877	252	1123	0.059	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.532	276	1629	0.059	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.545	278	1263	0.058	ng/ul#	32
29) Benzo(g,h,i)perylene	27.310	276	1525	0.062	ng/ul#	74

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

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