

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090722\
 Data File : BM036507.D
 Acq On : 07 Sep 2022 12:55
 Operator : CG/JU
 Sample : N3670-04
 Misc : SFAM-SIM-MDL-SOIL-0.07NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2022-04

Quant Time: Sep 07 13:25:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 06 13:54:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
 Supervised By :mohammad ahmed 09/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2631	0.400	ng/ul	0.01
4) Naphthalene-d8	10.550	136	11109	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.385	164	5606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.140	188	9662	0.400	ng/ul	0.02
17) Chrysene-d12	21.324	240	8086	0.400	ng/ul	0.01
23) Perylene-d12	23.613	264	6797	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	2922	0.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	4795	0.277	ng/ul	0.03
18) Fluoranthene-d10	19.163	212	8843	0.351	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	227m	0.063	ng/ul	
5) Naphthalene	10.600	128	2075	0.068	ng/ul#	86
7) 2-Methylnaphthalene	12.233	142	1134	0.061	ng/ul	100
8) 1-Methylnaphthalene	12.436	142	1095	0.058	ng/ul	98
10) Acenaphthylene	14.112	152	1536	0.072	ng/ul#	86
11) Acenaphthene	14.450	153	1317	0.070	ng/ul	97
12) Fluorene	15.463	166	1277	0.061	ng/ul#	93
14) Pentachlorophenol	16.827	266	100	0.057	ng/ul#	87
15) Phenanthrene	17.182	178	2087	0.074	ng/ul#	85
16) Anthracene	17.288	178	1472	0.062	ng/ul#	81
19) Fluoranthene	19.191	202	2273	0.078	ng/ul#	86
20) Pyrene	19.563	202	2408	0.080	ng/ul#	93
21) Benzo(a)anthracene	21.315	228	1432	0.059	ng/ul#	92
22) Chrysene	21.362	228	2065	0.076	ng/ul	95
24) Benzo(b)fluoranthene	22.923	252	1965	0.073	ng/ul#	55
25) Benzo(k)fluoranthene	22.970	252	1743	0.065	ng/ul#	46
26) Benzo(a)pyrene	23.522	252	1848m	0.083	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.004	276	1762	0.067	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.031	278	1372	0.061	ng/ul#	47
29) Benzo(g,h,i)perylene	26.722	276	1795	0.072	ng/ul#	76

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

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