

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101823\
 Data File : BN028320.D
 Acq On : 18 Oct 2023 12:16
 Operator : MA/JU
 Sample : 02215-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2023-04

Quant Time: Oct 18 12:51:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 16:16:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	2416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	8186	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.546	164	4877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	10648	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	10306	0.400	ng/ul	0.00
23) Perylene-d12	23.942	264	10546	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.267	96	1414	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	4570	0.346	ng/ul	0.02
18) Fluoranthene-d10	19.334	212	13031	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.300	88	343m	0.107	ng/ul	
5) Naphthalene	10.779	128	1615	0.069	ng/ul#	76
7) 2-Methylnaphthalene	12.396	142	942	0.064	ng/ul	97
8) 1-Methylnaphthalene	12.605	142	1001	0.066	ng/ul	99
10) Acenaphthylene	14.282	152	1507	0.068	ng/ul#	85
11) Acenaphthene	14.610	153	1246	0.071	ng/ul	93
12) Fluorene	15.619	166	1375	0.070	ng/ul#	95
14) Pentachlorophenol	16.970	266	145	0.063	ng/ul#	90
15) Phenanthrene	17.350	178	2321	0.073	ng/ul#	90
16) Anthracene	17.451	178	1894	0.067	ng/ul#	86
19) Fluoranthene	19.362	202	2738	0.070	ng/ul#	93
20) Pyrene	19.734	202	2811	0.069	ng/ul	95
21) Benzo(a)anthracene	21.481	228	2503	0.067	ng/ul	93
22) Chrysene	21.533	228	2746	0.072	ng/ul	96
24) Benzo(b)fluoranthene	23.188	252	2775	0.071	ng/ul#	64
25) Benzo(k)fluoranthene	23.237	252	2818	0.072	ng/ul#	62
26) Benzo(a)pyrene	23.837	252	2447	0.073	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.525	276	3065	0.076	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.532	278	2473	0.075	ng/ul#	53
29) Benzo(g,h,i)perylene	27.330	276	2613	0.079	ng/ul#	81

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

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