

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035347.D
 Acq On : 27 Nov 2024 12:27
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 28 00:01:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2024
 Supervised By :mohammad ahmed 11/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	9380	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	5567	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	10574	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.973	240	6123	0.400	ng/ul	# 0.00
23) Perylene-d12	23.065	264	6995	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	1701	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	4574	0.333	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	7942	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.006	88	275	0.074	ng/ul#	88
5) Naphthalene	10.108	128	1499	0.063	ng/ul#	90
7) 2-Methylnaphthalene	11.736	142	1004	0.061	ng/ul	100
8) 1-Methylnaphthalene	11.961	142	1010	0.061	ng/ul	98
10) Acenaphthylene	13.681	152	1463	0.066	ng/ul#	92
11) Acenaphthene	14.032	153	1137	0.067	ng/ul	98
12) Fluorene	15.036	166	1212	0.061	ng/ul#	97
14) Pentachlorophenol	16.396	266	184	0.075	ng/ul	95
15) Phenanthrene	16.776	178	1847	0.066	ng/ul#	93
16) Anthracene	16.869	178	1517	0.058	ng/ul#	89
19) Fluoranthene	18.814	202	1784	0.084	ng/ul#	85
20) Pyrene	19.181	202	1769	0.080	ng/ul#	82
21) Benzo(a)anthracene	20.958	228	1315	0.062	ng/ul	94
22) Chrysene	21.011	228	1511	0.071	ng/ul	94
24) Benzo(b)fluoranthene	22.454	252	1481	0.064	ng/ul#	65
25) Benzo(k)fluoranthene	22.495	252	1592	0.067	ng/ul#	61
26) Benzo(a)pyrene	22.978	252	1326	0.063	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	25.104	276	1833m	0.064	ng/ul	
28) Dibenzo(a,h)anthracene	25.128	278	1366m	0.061	ng/ul	
29) Benzo(g,h,i)perylene	25.721	276	1493	0.066	ng/ul#	77

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

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