

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029427.D
 Acq On : 31 Jan 2024 00:21
 Operator : MA/JU
 Sample : 04699-02
 Misc : LOQ-SOIL-0.1NG
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 02:35:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3729	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	9997	0.400	ng	0.00
13) Acenaphthene-d10	14.543	164	4585	0.400	ng	0.00
19) Phenanthrene-d10	17.293	188	8970	0.400	ng	0.00
29) Chrysene-d12	21.492	240	6166	0.400	ng	# 0.00
35) Perylene-d12	23.870	264	6632	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	3101	0.346	ng	0.00
5) Phenol-d6	7.067	99	3802	0.368	ng	0.00
8) Nitrobenzene-d5	9.067	82	2848	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	7302	0.536	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	485	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	6710	0.341	ng	-0.01
27) Fluoranthene-d10	19.327	212	12291	0.566	ng	0.00
31) Terphenyl-d14	19.930	244	5169	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	786	0.150	ng	89
3) n-Nitrosodimethylamine	3.723	42	350	0.082	ng	# 90
6) bis(2-Chloroethyl)ether	7.341	93	880	0.089	ng	96
9) Naphthalene	10.744	128	2767	0.097	ng	# 94
10) Hexachlorobutadiene	11.021	225	501	0.093	ng	# 99
12) 2-Methylnaphthalene	12.367	142	1560	0.093	ng	98
16) Acenaphthylene	14.254	152	2185	0.100	ng	100
17) Acenaphthene	14.596	154	1427	0.098	ng	97
18) Fluorene	15.592	166	1782	0.097	ng	100
20) 4,6-Dinitro-2-methylph...	15.679	198	90	0.068	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	502	0.094	ng	97
22) Hexachlorobenzene	16.585	284	640	0.098	ng	98
23) Atrazine	16.771	200	357	0.094	ng	# 84
24) Pentachlorophenol	16.945	266	119	0.057	ng	95
25) Phenanthrene	17.330	178	2642	0.100	ng	99
26) Anthracene	17.429	178	2125	0.094	ng	99
28) Fluoranthene	19.354	202	2739	0.092	ng	99
30) Pyrene	19.717	202	2633	0.093	ng	99
32) Benzo(a)anthracene	21.474	228	1794	0.085	ng	96
33) Chrysene	21.528	228	2147	0.090	ng	98
34) Bis(2-ethylhexyl)phtha...	21.420	149	1576	0.110	ng	96
36) Indeno(1,2,3-cd)pyrene	26.338	276	2027	0.076	ng	# 70
37) Benzo(b)fluoranthene	23.148	252	1796	0.076	ng	# 66
38) Benzo(k)fluoranthene	23.201	252	1886	0.076	ng	# 50
39) Benzo(a)pyrene	23.771	252	1553m	0.075	ng	
40) Dibenzo(a,h)anthracene	26.376	278	1685m	0.079	ng	
41) Benzo(g,h,i)perylene	27.092	276	1986	0.077	ng	# 84

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

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