

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029428.D
 Acq On : 31 Jan 2024 00:57
 Operator : MA/JU
 Sample : 04699-02
 Misc : LOQ-SOIL-0.2NG
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 31 02:35:19 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3910	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10511	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4799	0.400	ng	-0.01
19) Phenanthrene-d10	17.293	188	9288	0.400	ng	0.00
29) Chrysene-d12	21.492	240	6132	0.400	ng	# 0.00
35) Perylene-d12	23.870	264	6278	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	3308	0.352	ng	0.00
5) Phenol-d6	7.067	99	3944	0.364	ng	0.00
8) Nitrobenzene-d5	9.067	82	2936	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	7472	0.522	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	503	0.327	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6986	0.339	ng	-0.01
27) Fluoranthene-d10	19.322	212	12601	0.560	ng	0.00
31) Terphenyl-d14	19.931	244	5197	0.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1002	0.182	ng	92
3) n-Nitrosodimethylamine	3.716	42	720	0.161	ng	# 87
6) bis(2-Chloroethyl)ether	7.334	93	1771	0.171	ng	98
9) Naphthalene	10.744	128	5272	0.176	ng	98
10) Hexachlorobutadiene	11.021	225	1012	0.178	ng	# 99
12) 2-Methylnaphthalene	12.363	142	2996	0.170	ng	98
16) Acenaphthylene	14.254	152	4157	0.182	ng	99
17) Acenaphthene	14.597	154	2702	0.177	ng	99
18) Fluorene	15.580	166	3352	0.175	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	247	0.181	ng	# 76
21) 4-Bromophenyl-phenylether	16.486	248	947	0.171	ng	89
22) Hexachlorobenzene	16.585	284	1209	0.178	ng	100
23) Atrazine	16.759	200	686	0.175	ng	# 88
24) Pentachlorophenol	16.933	266	369	0.172	ng	93
25) Phenanthrene	17.330	178	5001	0.182	ng	99
26) Anthracene	17.417	178	4088	0.175	ng	98
28) Fluoranthene	19.355	202	5001	0.162	ng	98
30) Pyrene	19.717	202	5126	0.182	ng	99
32) Benzo(a)anthracene	21.474	228	3642	0.174	ng	98
33) Chrysene	21.528	228	4189	0.176	ng	99
34) Bis(2-ethylhexyl)phtha...	21.420	149	2551	0.179	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.335	276	4098m	0.162	ng	
37) Benzo(b)fluoranthene	23.145	252	3710	0.165	ng	# 89
38) Benzo(k)fluoranthene	23.198	252	3593	0.153	ng	# 78
39) Benzo(a)pyrene	23.762	252	3113	0.159	ng	# 81
40) Dibenzo(a,h)anthracene	26.367	278	3026	0.151	ng	# 88
41) Benzo(g,h,i)perylene	27.089	276	3773	0.154	ng	94

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

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