Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029426.D
Acq On : 30 Jan 2024 23:44
Operator : MA/JU
Sample : 04699-01
Misc : LOD-MDL-SOIL-0.2NG
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Quant Time: Jan 31 02:34:42 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	3862	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	10281	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4798	0.400	ng		-0.01
19) Phenanthrene-d10	17.292	188	9398	0.400	ng		0.00
29) Chrysene-d12	21.492	240	6297	0.400	ng	#	0.00
35) Perylene-d12	23.873	264	6525	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3269	0.352	ng		0.00
5) Phenol-d6	7.067	99	3882	0.363	ng		0.00
8) Nitrobenzene-d5	9.067	82	2854	0.333	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	7438	0.531	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	487	0.316	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6880	0.334	ng		-0.01
27) Fluoranthene-d10	19.327	212	12213	0.537	ng		0.00
31) Terphenyl-d14	19.935	244	5294	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	1086	0.200	ng		97
3) n-Nitrosodimethylamine	3.716	42	634	0.143	ng	#	4
6) bis(2-Chloroethyl)ether	7.341	93	1803	0.177	ng		97
9) Naphthalene	10.744	128	5245	0.179	ng		98
10) Hexachlorobutadiene	11.021	225	1001	0.180	ng	#	99
12) 2-Methylnaphthalene	12.367	142	2979	0.173	ng		98
16) Acenaphthylene	14.254	152	4101	0.180	ng		98
17) Acenaphthene	14.596	154	2657	0.174	ng		99
18) Fluorene	15.580	166	3320	0.173	ng		100
20) 4,6-Dinitro-2-methylph...	15.666	198	258	0.187	ng	#	66
21) 4-Bromophenyl-phenylether	16.486	248	939	0.168	ng		89
22) Hexachlorobenzene	16.585	284	1222	0.178	ng		100
23) Atrazine	16.759	200	713	0.179	ng	#	91
24) Pentachlorophenol	16.933	266	360	0.166	ng		95
25) Phenanthrene	17.330	178	4959	0.178	ng		99
26) Anthracene	17.417	178	4011	0.169	ng		100
28) Fluoranthene	19.354	202	5133	0.164	ng		99
30) Pyrene	19.717	202	5169	0.178	ng		99
32) Benzo(a)anthracene	21.474	228	3710	0.172	ng		99
33) Chrysene	21.528	228	4352	0.178	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	2669	0.182	ng		98
36) Indeno(1,2,3-cd)pyrene	26.341	276	4132	0.158	ng	#	84
37) Benzo(b)fluoranthene	23.148	252	3752	0.161	ng	#	90
38) Benzo(k)fluoranthene	23.201	252	3817	0.156	ng	#	81
39) Benzo(a)pyrene	23.765	252	3315	0.163	ng	#	85
40) Dibenzo(a,h)anthracene	26.367	278	3123	0.150	ng	#	88
41) Benzo(g,h,i)perylene	27.086	276	3857	0.152	ng		93

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

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