Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029413.D
Acq On : 30 Jan 2024 14:10
Operator : MA/JU
Sample : 03572-01
Misc : LOD-MDL-SOIL-0.2NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Quant Time: Jan 30 14:37:47 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	7.890	152	3592	0.400	ng		-0.01
7) Naphthalene-d8	10.690	136	9488	0.400	ng		-0.01
13) Acenaphthene-d10	14.532	164	4181	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8314	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5469	0.400	ng		0.00
35) Perylene-d12	23.879	264	5365	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	3072	0.356	ng		-0.01
5) Phenol-d6	7.053	99	3619	0.364	ng		-0.01
8) Nitrobenzene-d5	9.057	82	2755	0.349	ng		-0.01
11) 2-Methylnaphthalene-d10	12.284	152	6846	0.530	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	467	0.348	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6392	0.356	ng		-0.01
27) Fluoranthene-d10	19.327	212	11318	0.562	ng		0.00
31) Terphenyl-d14	19.935	244	4724	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1126	0.223	ng		98
3) n-Nitrosodimethylamine	3.709	42	771	0.187	ng	#	95
6) bis(2-Chloroethyl)ether	7.327	93	1763	0.186	ng		99
9) Naphthalene	10.744	128	4852	0.180	ng		97
10) Hexachlorobutadiene	11.021	225	936	0.183	ng	#	99
12) 2-Methylnaphthalene	12.359	142	2733	0.172	ng		97
16) Acenaphthylene	14.254	152	3819	0.192	ng		99
17) Acenaphthene	14.596	154	2398	0.180	ng		98
18) Fluorene	15.580	166	2960	0.177	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	364	0.298	ng		87
21) 4-Bromophenyl-phenylether	16.486	248	874	0.177	ng	#	83
22) Hexachlorobenzene	16.585	284	1091	0.180	ng		98
23) Atrazine	16.759	200	618	0.176	ng	#	93
24) Pentachlorophenol	16.933	266	322	0.167	ng		99
25) Phenanthrene	17.330	178	4532	0.184	ng		98
26) Anthracene	17.417	178	3631	0.173	ng		99
28) Fluoranthene	19.354	202	4554	0.165	ng		99
30) Pyrene	19.721	202	4638	0.184	ng		99
32) Benzo(a)anthracene	21.474	228	3122	0.167	ng		97
33) Chrysene	21.528	228	3878	0.183	ng		98
34) Bis(2-ethylhexyl)phtha...	21.429	149	2239	0.176	ng		98
36) Indeno(1,2,3-cd)pyrene	26.349	276	3510	0.163	ng	#	83
37) Benzo(b)fluoranthene	23.157	252	3365	0.175	ng	#	87
38) Benzo(k)fluoranthene	23.204	252	3378	0.168	ng	#	85
39) Benzo(a)pyrene	23.774	252	2761	0.165	ng	#	79
40) Dibenzo(a,h)anthracene	26.376	278	2842	0.165	ng	#	89
41) Benzo(g,h,i)perylene	27.101	276	3702	0.177	ng		93

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

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