Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
Data File : BN029497.D
Acq On : 02 Feb 2024 12:19
Operator : MA/JU
Sample : 02213-03
Misc : MDL-MDL-SOIL-0.2NG
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 13:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4461	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12006	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	5493	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10179	0.400	ng		0.00
29) Chrysene-d12	21.483	240	5882	0.400	ng		0.00
35) Perylene-d12	23.864	264	5752	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3874	0.361	ng		0.00
5) Phenol-d6	7.060	99	4520	0.366	ng		0.00
8) Nitrobenzene-d5	9.057	82	3413	0.341	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	8783	0.537	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	546	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	8133	0.345	ng		0.00
27) Fluoranthene-d10	19.317	212	12986	0.527	ng		0.00
31) Terphenyl-d14	19.926	244	5134	0.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	1313	0.209	ng		95
3) n-Nitrosodimethylamine	3.723	42	852	0.166	ng	#	97
6) bis(2-Chloroethyl)ether	7.334	93	2213	0.188	ng		98
9) Naphthalene	10.744	128	6561	0.192	ng		99
10) Hexachlorobutadiene	11.021	225	1188	0.183	ng	#	99
12) 2-Methylnaphthalene	12.359	142	3761	0.187	ng		99
16) Acenaphthylene	14.254	152	5182	0.199	ng		98
17) Acenaphthene	14.596	154	3273	0.187	ng		99
18) Fluorene	15.580	166	4054	0.185	ng		99
20) 4,6-Dinitro-2-methylph...	15.666	198	231	0.154	ng	#	74
21) 4-Bromophenyl-phenylether	16.486	248	1145	0.189	ng	#	75
22) Hexachlorobenzene	16.585	284	1349	0.182	ng		96
23) Atrazine	16.759	200	835	0.194	ng		98
24) Pentachlorophenol	16.933	266	317	0.135	ng		95
25) Phenanthrene	17.330	178	5770	0.192	ng		100
26) Anthracene	17.417	178	4776	0.186	ng		99
28) Fluoranthene	19.350	202	5619	0.166	ng		99
30) Pyrene	19.712	202	5559	0.205	ng		99
32) Benzo(a)anthracene	21.465	228	3849	0.192	ng		97
33) Chrysene	21.519	228	4161	0.182	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2818	0.206	ng		97
36) Indeno(1,2,3-cd)pyrene	26.329	276	4156	0.180	ng	#	74
37) Benzo(b)fluoranthene	23.139	252	3751	0.182	ng	#	85
38) Benzo(k)fluoranthene	23.192	252	3714	0.172	ng	#	81
39) Benzo(a)pyrene	23.762	252	3102	0.173	ng	#	78
40) Dibenzo(a,h)anthracene	26.355	278	3296m	0.179	ng		
41) Benzo(g,h,i)perylene	27.077	276	3904	0.174	ng		94

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

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