Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023677.D
Acq On : 17 Jan 2023 11:59
Operator : CG/JU
Sample : N3214-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 18 05:23:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:20:50 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	4942	0.400	ng		0.00
7) Naphthalene-d8	10.776	136	14143	0.400	ng		0.01
13) Acenaphthene-d10	14.613	164	7528	0.400	ng		0.01
19) Phenanthrene-d10	17.352	188	15744	0.400	ng		0.00
29) Chrysene-d12	21.554	240	11776	0.400	ng		0.00
35) Perylene-d12	23.995	264	8009	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3110	0.317	ng		0.00
5) Phenol-d6	7.111	99	3879	0.307	ng		0.00
8) Nitrobenzene-d5	9.121	82	2827	0.266	ng		0.01
11) 2-Methylnaphthalene-d10	12.363	152	8343	0.427	ng		0.00
14) 2,4,6-Tribromophenol	16.099	330	839	0.257	ng		0.00
15) 2-Fluorobiphenyl	13.234	172	8475	0.279	ng		0.01
27) Fluoranthene-d10	19.393	212	15979	0.414	ng		0.00
31) Terphenyl-d14	19.987	244	9503	0.319	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	1051	0.237	ng		90
3) n-Nitrosodimethylamine	3.687	42	898	0.181	ng	#	90
6) bis(2-Chloroethyl)ether	7.378	93	2950	0.221	ng		99
9) Naphthalene	10.819	128	7580	0.203	ng		99
10) Hexachlorobutadiene	11.107	225	1575	0.208	ng	#	100
12) 2-Methylnaphthalene	12.439	142	5592	0.208	ng		100
16) Acenaphthylene	14.324	152	5610	0.185	ng		99
17) Acenaphthene	14.666	154	4186	0.188	ng		99
18) Fluorene	15.661	166	5641	0.189	ng		99
20) 4,6-Dinitro-2-methylph...	15.739	198	280	0.164	ng	#	49
21) 4-Bromophenyl-phenylether	16.546	248	1709	0.190	ng		97
22) Hexachlorobenzene	16.657	284	2335	0.208	ng		99
23) Atrazine	16.819	200	1120	0.181	ng		96
24) Pentachlorophenol	17.017	266	677	0.174	ng		97
25) Phenanthrene	17.402	178	8863	0.192	ng		99
26) Anthracene	17.489	178	6720	0.182	ng		100
28) Fluoranthene	19.422	202	9085	0.174	ng		99
30) Pyrene	19.785	202	8884	0.197	ng		100
32) Benzo(a)anthracene	21.536	228	7199	0.189	ng		98
33) Chrysene	21.589	228	8340	0.199	ng		99
34) Bis(2-ethylhexyl)phtha...	21.455	149	3767	0.212	ng		98
36) Indeno(1,2,3-cd)pyrene	26.547	276	6560	0.183	ng		99
37) Benzo(b)fluoranthene	23.246	252	7244	0.212	ng	#	91
38) Benzo(k)fluoranthene	23.293	252	6879m	0.206	ng		
39) Benzo(a)pyrene	23.884	252	5731	0.222	ng		90
40) Dibenzo(a,h)anthracene	26.568	278	5262	0.183	ng	#	90
41) Benzo(g,h,i)perylene	27.325	276	5843	0.199	ng		94

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

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