Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014473.D
Acq On : 28 Apr 2021 16:16
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-0.2PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:11 PM

Quant Time: Apr 28 17:27:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 13:14:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	6744	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	23464	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	11233	0.40	ng		#-0.01
19) Phenanthrene-d10	17.043	188	22629	0.40	ng		#-0.01
29) Chrysene-d12	21.247	240	20350	0.40	ng		0.00
35) Perylene-d12	23.466	264	19979	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	5766	0.45	ng		0.00
5) Phenol-d6	6.839	99	6879	0.44	ng		0.00
8) Nitrobenzene-d5	8.807	82	7539	0.48	ng		-0.01
11) 2-Methylnaphthalene-d10	12.040	152	11886	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	1204	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	19510	0.46	ng		0.00
27) Fluoranthene-d10	19.086	212	19400	0.31	ng		0.00
31) Terphenyl-d14	19.692	244	18939	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1327	0.18	ng		91
3) n-Nitrosodimethylamine	3.625	42	260m	0.07	ng		
6) bis(2-Chloroethyl)ether	7.104	93	3603	0.22	ng		98
9) Naphthalene	10.492	128	12550	0.22	ng		99
10) Hexachlorobutadiene	10.784	225	2576	0.23	ng	#	100
12) 2-Methylnaphthalene	12.111	142	7893	0.21	ng		98
16) Acenaphthylene	14.016	152	9812	0.22	ng		100
17) Acenaphthene	14.359	154	6332	0.20	ng		96
18) Fluorene	15.348	166	7590	0.20	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	250	0.13	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	2478	0.21	ng		97
22) Hexachlorobenzene	16.361	284	3792	0.25	ng		98
23) Atrazine	16.519	200	1170	0.16	ng		96
24) Pentachlorophenol	16.702	266	329	0.11	ng		95
25) Phenanthrene	17.091	178	12969	0.21	ng		99
26) Anthracene	17.176	178	9504	0.19	ng		99
28) Fluoranthene	19.116	202	12954	0.19	ng		99
30) Pyrene	19.478	202	12296	0.20	ng		100
32) Benzo(a)anthracene	21.226	228	10346	0.18	ng		98
33) Chrysene	21.279	228	13417	0.22	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	3784	0.16	ng		96
36) Indeno(1,2,3-cd)pyrene	25.687	276	15989	0.21	ng		99
37) Benzo(b)fluoranthene	22.802	252	14117m	0.20	ng		
38) Benzo(k)fluoranthene	22.843	252	15436	0.21	ng	#	95
39) Benzo(a)pyrene	23.370	252	13433	0.21	ng	#	91
40) Dibenzo(a,h)anthracene	25.704	278	12831	0.20	ng		97
41) Benzo(g,h,i)perylene	26.368	276	14404	0.21	ng		98

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

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