Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014472.D
Acq On : 28 Apr 2021 15:41
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-0.1PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 28 16:22:24 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	7.660	152	5609	0.40	ng		-0.02
7) Naphthalene-d8	10.441	136	19697	0.40	ng		# 0.00
13) Acenaphthene-d10	14.295	164	9259	0.40	ng		#-0.01
19) Phenanthrene-d10	17.043	188	18782	0.40	ng		#-0.01
29) Chrysene-d12	21.250	240	17344	0.40	ng		0.00
35) Perylene-d12	23.468	264	16514	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.260	112	5089	0.48	ng		-0.02
5) Phenol-d6	6.830	99	5890	0.45	ng		0.00
8) Nitrobenzene-d5	8.806	82	6635	0.50	ng		-0.01
11) 2-Methylnaphthalene-d10	12.035	152	10599	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	1056	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	17066	0.49	ng		0.00
27) Fluoranthene-d10	19.089	212	17144	0.33	ng		0.00
31) Terphenyl-d14	19.694	244	16297	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.230	88	734	0.12	ng	#	86
3) n-Nitrosodimethylamine	3.601	42	117	0.04	ng	#	1
6) bis(2-Chloroethyl)ether	7.096	93	1588	0.12	ng		99
9) Naphthalene	10.479	128	5294	0.11	ng		96
10) Hexachlorobutadiene	10.783	225	1100	0.12	ng	#	98
12) 2-Methylnaphthalene	12.106	142	3301	0.10	ng		96
16) Acenaphthylene	14.016	152	4019	0.11	ng		98
17) Acenaphthene	14.358	154	2725	0.11	ng		96
18) Fluorene	15.348	166	3310	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	110	0.07	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	1076	0.11	ng		97
22) Hexachlorobenzene	16.361	284	1595	0.13	ng		96
23) Atrazine	16.520	200	486	0.08	ng	#	91
24) Pentachlorophenol	16.702	266	168	0.06	ng	#	85
25) Phenanthrene	17.092	178	5881	0.11	ng		100
26) Anthracene	17.177	178	4037	0.10	ng		99
28) Fluoranthene	19.118	202	5537	0.10	ng		99
30) Pyrene	19.481	202	5336	0.10	ng		100
32) Benzo(a)anthracene	21.239	228	4628	0.10	ng		98
33) Chrysene	21.281	228	5701	0.11	ng		98
34) Bis(2-ethylhexyl)phtha...	21.175	149	1923	0.09	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.697	276	6679	0.11	ng		98
37) Benzo(b)fluoranthene	22.808	252	6121	0.10	ng	#	69
38) Benzo(k)fluoranthene	22.849	252	6232	0.10	ng	#	81
39) Benzo(a)pyrene	23.372	252	5861	0.11	ng	#	45
40) Dibenzo(a,h)anthracene	25.710	278	5265	0.10	ng	#	89
41) Benzo(g,h,i)perylene	26.374	276	6185	0.11	ng		94

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

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