Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014474.D
Acq On : 28 Apr 2021 17:06
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-0.1PPM
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 28 18:12:03 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	7701	0.40	ng		0.00
7) Naphthalene-d8	10.442	136	26805	0.40	ng		0.00
13) Acenaphthene-d10	14.295	164	13140	0.40	ng		#-0.01
19) Phenanthrene-d10	17.043	188	27247	0.40	ng		#-0.01
29) Chrysene-d12	21.250	240	24888	0.40	ng		0.00
35) Perylene-d12	23.469	264	22198	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.268	112	5589	0.39	ng		0.00
5) Phenol-d6	6.831	99	6566	0.37	ng		0.00
8) Nitrobenzene-d5	8.807	82	7373	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.035	152	14650	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	1201	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	19174	0.39	ng		0.00
27) Fluoranthene-d10	19.089	212	25679	0.34	ng		0.00
31) Terphenyl-d14	19.695	244	19703	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	900	0.10	ng	#	87
3) n-Nitrosodimethylamine	3.609	42	276	0.07	ng	#	78
6) bis(2-Chloroethyl)ether	7.096	93	2117	0.12	ng		97
9) Naphthalene	10.492	128	7300	0.11	ng		97
10) Hexachlorobutadiene	10.784	225	1493	0.12	ng	#	100
12) 2-Methylnaphthalene	12.111	142	4605	0.11	ng		97
16) Acenaphthylene	14.016	152	5817	0.11	ng		99
17) Acenaphthene	14.359	154	3771	0.10	ng		97
18) Fluorene	15.349	166	4611	0.10	ng		98
20) 4,6-Dinitro-2-methylph...	15.437	198	161	0.07	ng	#	1
21) 4-Bromophenyl-phenylether	16.252	248	1544	0.11	ng		97
22) Hexachlorobenzene	16.362	284	2366	0.13	ng		98
23) Atrazine	16.520	200	705	0.08	ng	#	94
24) Pentachlorophenol	16.703	266	206	0.05	ng		97
25) Phenanthrene	17.092	178	8200	0.11	ng		99
26) Anthracene	17.177	178	5813	0.10	ng		100
28) Fluoranthene	19.119	202	8364	0.10	ng		99
30) Pyrene	19.481	202	7614	0.10	ng		100
32) Benzo(a)anthracene	21.239	228	6601	0.10	ng		99
33) Chrysene	21.282	228	8108	0.11	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	2448	0.08	ng		98
36) Indeno(1,2,3-cd)pyrene	25.694	276	8297	0.10	ng		99
37) Benzo(b)fluoranthene	22.805	252	7983	0.10	ng	#	89
38) Benzo(k)fluoranthene	22.849	252	8418	0.10	ng	#	88
39) Benzo(a)pyrene	23.373	252	7076	0.10	ng	#	87
40) Dibenzo(a,h)anthracene	25.707	278	6614	0.09	ng	#	91
41) Benzo(g,h,i)perylene	26.375	276	8191	0.11	ng		97

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

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