Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015789.D
Acq On : 04 Aug 2021 12:22
Operator : CG/JU
Sample : M1458-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:26 PM

Quant Time: Aug 05 10:46:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 10:46:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	39572	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	175748	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	89784	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	168256	0.400	ng		0.00
29) Chrysene-d12	21.365	240	142486	0.400	ng		0.00
35) Perylene-d12	23.710	264	133831	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	27934	0.289	ng		0.00
5) Phenol-d6	6.951	99	32463	0.278	ng		0.00
8) Nitrobenzene-d5	8.924	82	26474	0.234	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	99532	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	7199	0.221	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	95560	0.267	ng		0.00
27) Fluoranthene-d10	19.202	212	157426	0.360	ng		0.00
31) Terphenyl-d14	19.812	244	98150	0.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	2266	0.177	ng		97
3) n-Nitrosodimethylamine	3.724	42	4464	0.169	ng	#	99
6) bis(2-Chloroethyl)ether	7.218	93	22647	0.213	ng		98
9) Naphthalene	10.609	128	93125	0.202	ng		99
10) Hexachlorobutadiene	10.914	225	15761	0.196	ng	#	100
12) 2-Methylnaphthalene	12.234	142	60714	0.205	ng		99
16) Acenaphthylene	14.129	152	63869	0.173	ng		100
17) Acenaphthene	14.472	154	49542	0.192	ng		100
18) Fluorene	15.461	166	58593	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	589	0.127	ng	#	71
21) 4-Bromophenyl-phenylether	16.360	248	17988	0.182	ng		95
22) Hexachlorobenzene	16.470	284	21918	0.193	ng		100
23) Atrazine	16.628	200	10175	0.167	ng		97
24) Pentachlorophenol	16.811	266	4961	0.141	ng		99
25) Phenanthrene	17.200	178	96174	0.192	ng		99
26) Anthracene	17.297	178	75695	0.180	ng		100
28) Fluoranthene	19.232	202	98347	0.189	ng		100
30) Pyrene	19.599	202	93936	0.198	ng		100
32) Benzo(a)anthracene	21.355	228	77360	0.178	ng		100
33) Chrysene	21.408	228	92307	0.196	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	24430	0.140	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	81033	0.171	ng		98
37) Benzo(b)fluoranthene	23.002	252	86518	0.186	ng		99
38) Benzo(k)fluoranthene	23.050	252	94345m	0.196	ng		
39) Benzo(a)pyrene	23.608	252	68671	0.178	ng		99
40) Dibenzo(a,h)anthracene	26.130	278	65827	0.166	ng	#	94
41) Benzo(g,h,i)perylene	26.839	276	72268	0.174	ng		98

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

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