Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023108.D
Acq On : 09 Dec 2022 15:47
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL-0.2ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 10 03:24:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 03:22:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	6988	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	20570	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10623	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	22938	0.400	ng		#-0.01
29) Chrysene-d12	21.589	240	18554	0.400	ng		# 0.00
35) Perylene-d12	24.056	264	16716	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	4079	0.313	ng		0.00
5) Phenol-d6	7.168	99	5046	0.305	ng		0.00
8) Nitrobenzene-d5	9.185	82	3637	0.268	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	13381	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1092	0.283	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	12300	0.290	ng		-0.01
27) Fluoranthene-d10	19.435	212	24492	0.456	ng		0.00
31) Terphenyl-d14	20.031	244	8239	0.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1499	0.217	ng		97
3) n-Nitrosodimethylamine	3.738	42	1262	0.186	ng		99
6) bis(2-Chloroethyl)ether	7.435	93	4261	0.227	ng		100
9) Naphthalene	10.893	128	10936	0.209	ng		99
10) Hexachlorobutadiene	11.181	225	2195	0.220	ng	#	99
12) 2-Methylnaphthalene	12.117	142	1544	0.198	ng	#	91
16) Acenaphthylene	14.388	152	8380	0.196	ng		100
17) Acenaphthene	14.730	154	6340	0.202	ng		98
18) Fluorene	15.703	166	6894	0.196	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	462	0.141	ng	#	67
21) 4-Bromophenyl-phenylether	16.595	248	2522	0.206	ng		96
22) Hexachlorobenzene	16.719	284	3386	0.211	ng		98
23) Atrazine	16.868	200	1584	0.184	ng		95
24) Pentachlorophenol	17.054	266	868	0.156	ng		99
25) Phenanthrene	17.452	178	13380	0.196	ng		100
26) Anthracene	17.538	178	10467	0.192	ng		100
28) Fluoranthene	19.469	202	14243	0.195	ng		99
30) Pyrene	19.831	202	13838	0.204	ng		100
32) Benzo(a)anthracene	21.580	228	11301	0.189	ng		99
33) Chrysene	21.634	228	13837	0.206	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	5211	0.206	ng		99
36) Indeno(1,2,3-cd)pyrene	26.626	276	16391	0.219	ng		97
37) Benzo(b)fluoranthene	23.302	252	14384m	0.208	ng		
38) Benzo(k)fluoranthene	23.349	252	13607	0.193	ng		94
39) Benzo(a)pyrene	23.945	252	13047	0.251	ng	#	78
40) Dibenzo(a,h)anthracene	26.649	278	13119	0.218	ng		97
41) Benzo(g,h,i)perylene	27.415	276	12636	0.197	ng		98

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

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