Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023107.D
Acq On : 09 Dec 2022 15:09
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL-0.1ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 10 03:24:14 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	7352	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21225	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10919	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	23810	0.400	ng		#-0.01
29) Chrysene-d12	21.593	240	18644	0.400	ng		# 0.00
35) Perylene-d12	24.057	264	16545	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	3879	0.283	ng		0.00
5) Phenol-d6	7.168	99	4763	0.274	ng		0.00
8) Nitrobenzene-d5	9.185	82	3939	0.282	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	17046	0.474	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1002	0.253	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	13308	0.305	ng		-0.01
27) Fluoranthene-d10	19.439	212	26073	0.468	ng		0.00
31) Terphenyl-d14	20.035	244	9337	0.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	780	0.107	ng		96
3) n-Nitrosodimethylamine	3.745	42	625	0.088	ng		96
6) bis(2-Chloroethyl)ether	7.435	93	2284	0.116	ng		99
9) Naphthalene	10.893	128	5811	0.107	ng		97
10) Hexachlorobutadiene	11.181	225	1143	0.111	ng	#	97
12) 2-Methylnaphthalene	12.117	142	793	0.099	ng	#	74
16) Acenaphthylene	14.388	152	4328	0.098	ng		100
17) Acenaphthene	14.730	154	3284	0.102	ng		98
18) Fluorene	15.703	166	3543	0.098	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	229	0.067	ng	#	29
21) 4-Bromophenyl-phenylether	16.595	248	1328	0.105	ng		99
22) Hexachlorobenzene	16.719	284	1816	0.109	ng		100
23) Atrazine	16.868	200	842	0.094	ng	#	93
24) Pentachlorophenol	17.054	266	398	0.069	ng		91
25) Phenanthrene	17.452	178	7177	0.101	ng		99
26) Anthracene	17.538	178	5463	0.097	ng		99
28) Fluoranthene	19.469	202	7648	0.101	ng		98
30) Pyrene	19.831	202	7210	0.106	ng		100
32) Benzo(a)anthracene	21.576	228	5711	0.095	ng		98
33) Chrysene	21.629	228	7358	0.109	ng		99
34) Bis(2-ethylhexyl)phtha...	21.495	149	3875	0.153	ng		99
36) Indeno(1,2,3-cd)pyrene	26.627	276	7852	0.106	ng		97
37) Benzo(b)fluoranthene	23.303	252	7226	0.105	ng	#	77
38) Benzo(k)fluoranthene	23.350	252	6542	0.094	ng	#	83
39) Benzo(a)pyrene	23.946	252	6454	0.125	ng	#	63
40) Dibenzo(a,h)anthracene	26.648	278	6152	0.103	ng		92
41) Benzo(g,h,i)perylene	27.420	276	6174	0.097	ng		95

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

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