Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023682.D
Acq On : 17 Jan 2023 15:08
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	4716	0.400	ng		0.01
7) Naphthalene-d8	10.786	136	13719	0.400	ng		0.02
13) Acenaphthene-d10	14.613	164	7311	0.400	ng		0.01
19) Phenanthrene-d10	17.365	188	15308	0.400	ng	#	0.01
29) Chrysene-d12	21.562	240	11654	0.400	ng		0.02
35) Perylene-d12	24.006	264	8839	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	2612	0.279	ng		0.01
5) Phenol-d6	7.125	99	3315	0.275	ng		0.02
8) Nitrobenzene-d5	9.131	82	2810	0.272	ng		0.02
11) 2-Methylnaphthalene-d10	12.371	152	8256	0.436	ng		0.02
14) 2,4,6-Tribromophenol	16.111	330	772	0.244	ng		0.01
15) 2-Fluorobiphenyl	13.244	172	8646	0.293	ng		0.02
27) Fluoranthene-d10	19.397	212	16335	0.436	ng		0.00
31) Terphenyl-d14	19.996	244	9774	0.331	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	438	0.104	ng		95
3) n-Nitrosodimethylamine	3.694	42	397	0.084	ng	#	98
6) bis(2-Chloroethyl)ether	7.385	93	1420	0.112	ng		98
9) Naphthalene	10.829	128	3718	0.102	ng		96
10) Hexachlorobutadiene	11.117	225	796	0.108	ng	#	99
12) 2-Methylnaphthalene	12.446	142	2921	0.112	ng		98
16) Acenaphthylene	14.335	152	2787	0.094	ng		100
17) Acenaphthene	14.677	154	2088	0.097	ng		97
18) Fluorene	15.660	166	2875	0.099	ng		95
20) 4,6-Dinitro-2-methylph...	15.751	198	132	0.079	ng	#	5
21) 4-Bromophenyl-phenylether	16.558	248	863	0.099	ng		92
22) Hexachlorobenzene	16.670	284	1203	0.110	ng		98
23) Atrazine	16.831	200	566	0.094	ng	#	89
24) Pentachlorophenol	17.017	266	322	0.085	ng		98
25) Phenanthrene	17.402	178	4496	0.100	ng		99
26) Anthracene	17.501	178	3384	0.094	ng		99
28) Fluoranthene	19.426	202	4702	0.093	ng		98
30) Pyrene	19.793	202	4580	0.103	ng		100
32) Benzo(a)anthracene	21.544	228	3757	0.100	ng		98
33) Chrysene	21.598	228	4399	0.106	ng		98
34) Bis(2-ethylhexyl)phtha...	21.464	149	2045	0.116	ng		99
36) Indeno(1,2,3-cd)pyrene	26.568	276	3909	0.099	ng		97
37) Benzo(b)fluoranthene	23.255	252	4275	0.113	ng	#	71
38) Benzo(k)fluoranthene	23.308	252	3813	0.104	ng	#	76
39) Benzo(a)pyrene	23.895	252	3519	0.124	ng	#	52
40) Dibenzo(a,h)anthracene	26.591	278	3087	0.097	ng	#	84
41) Benzo(g,h,i)perylene	27.357	276	3174	0.098	ng		92

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

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