Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024278.D
Acq On : 14 Mar 2023 13:24
Operator : CG/JU
Sample : 01627-02
Misc : LOQ-SOIL-0.2ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Quant Time: Mar 15 01:54:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	7687	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	22270	0.400	ng		#-0.01
13) Acenaphthene-d10	14.675	164	11132	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	22677	0.400	ng		0.00
29) Chrysene-d12	21.619	240	17161	0.400	ng		# 0.00
35) Perylene-d12	24.147	264	14499	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	6809	0.400	ng		0.00
5) Phenol-d6	7.188	99	8752	0.400	ng		0.00
8) Nitrobenzene-d5	9.201	82	5907	0.397	ng		-0.01
11) 2-Methylnaphthalene-d10	12.441	152	12883	0.471	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1768	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	15987	0.380	ng		0.00
27) Fluoranthene-d10	19.450	212	22692	0.472	ng		0.00
31) Terphenyl-d14	20.043	244	10780	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1897	0.227	ng		95
3) n-Nitrosodimethylamine	3.764	42	2688	0.219	ng		97
6) bis(2-Chloroethyl)ether	7.455	93	4619	0.213	ng		97
9) Naphthalene	10.909	128	11568	0.204	ng		98
10) Hexachlorobutadiene	11.197	225	2197	0.205	ng	#	98
12) 2-Methylnaphthalene	12.516	142	7127	0.186	ng		100
16) Acenaphthylene	14.397	152	9805	0.186	ng		100
17) Acenaphthene	14.740	154	6362	0.189	ng		97
18) Fluorene	15.725	166	7357	0.183	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	326	0.255	ng	#	56
21) 4-Bromophenyl-phenylether	16.606	248	2307	0.171	ng	#	68
22) Hexachlorobenzene	16.730	284	3371	0.204	ng		98
23) Atrazine	16.867	200	1584	0.185	ng	#	88
24) Pentachlorophenol	17.065	266	807	0.209	ng		99
25) Phenanthrene	17.463	178	12970	0.193	ng		100
26) Anthracene	17.549	178	10932	0.176	ng		99
28) Fluoranthene	19.480	202	13380	0.182	ng		99
30) Pyrene	19.847	202	13735	0.198	ng		100
32) Benzo(a)anthracene	21.601	228	10529	0.184	ng		99
33) Chrysene	21.664	228	11707	0.191	ng		100
34) Bis(2-ethylhexyl)phtha...	21.520	149	4897	0.182	ng		99
36) Indeno(1,2,3-cd)pyrene	26.781	276	9937	0.183	ng		98
37) Benzo(b)fluoranthene	23.372	252	10824	0.192	ng	#	89
38) Benzo(k)fluoranthene	23.424	252	10504	0.181	ng	#	91
39) Benzo(a)pyrene	24.024	252	8418	0.163	ng	#	84
40) Dibenzo(a,h)anthracene	26.798	278	7290	0.173	ng		92
41) Benzo(g,h,i)perylene	27.591	276	9629	0.196	ng		96

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

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