Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
Data File : BN025583.D
Acq On : 24 May 2023 10:53
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 25 06:08:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	4509	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	12893	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	7275	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	16566	0.400	ng		# 0.00
29) Chrysene-d12	21.620	240	12233	0.400	ng		# 0.00
35) Perylene-d12	24.119	264	12730	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	5062	0.436	ng		0.00
5) Phenol-d6	7.210	99	6491	0.444	ng		0.00
8) Nitrobenzene-d5	9.223	82	5030	0.424	ng		-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8258	0.437	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1509	0.497	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	14046	0.445	ng		0.00
27) Fluoranthene-d10	19.456	212	17387	0.443	ng		0.00
31) Terphenyl-d14	20.044	244	12723	0.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1083	0.208	ng		96
3) n-Nitrosodimethylamine	3.794	42	1022	0.165	ng		93
6) bis(2-Chloroethyl)ether	7.478	93	2951	0.220	ng		100
9) Naphthalene	10.931	128	7473	0.209	ng		98
10) Hexachlorobutadiene	11.219	225	1345	0.216	ng	#	99
12) 2-Methylnaphthalene	12.536	142	5169	0.204	ng		99
16) Acenaphthylene	14.416	152	7259	0.203	ng		99
17) Acenaphthene	14.758	154	4877	0.198	ng		95
18) Fluorene	15.734	166	6156	0.200	ng		99
20) 4,6-Dinitro-2-methylph...	15.796	198	664	0.151	ng	#	40
21) 4-Bromophenyl-phenylether	16.628	248	1935	0.197	ng	#	91
22) Hexachlorobenzene	16.740	284	1821	0.208	ng		99
23) Atrazine	16.876	200	1527	0.177	ng	#	92
24) Pentachlorophenol	17.087	266	749	0.152	ng		99
25) Phenanthrene	17.472	178	10494	0.197	ng		99
26) Anthracene	17.559	178	9507	0.196	ng		99
28) Fluoranthene	19.485	202	11541	0.196	ng		100
30) Pyrene	19.848	202	11517	0.208	ng		100
32) Benzo(a)anthracene	21.602	228	9993	0.206	ng		99
33) Chrysene	21.656	228	10435	0.208	ng		100
34) Bis(2-ethylhexyl)phtha...	21.513	149	6292	0.209	ng		100
36) Indeno(1,2,3-cd)pyrene	26.732	276	11302	0.194	ng		98
37) Benzo(b)fluoranthene	23.350	252	10385m	0.203	ng		
38) Benzo(k)fluoranthene	23.399	252	10320	0.198	ng		97
39) Benzo(a)pyrene	24.005	252	9446	0.200	ng	#	87
40) Dibenzo(a,h)anthracene	26.750	278	8891	0.188	ng		96
41) Benzo(g,h,i)perylene	27.539	276	9269	0.187	ng		97

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

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