Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023683.D
Acq On : 17 Jan 2023 15:44
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 0.2ng
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 18 05:35:30 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

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	4488	0.400	ng		0.01
7) Naphthalene-d8	10.786	136	13187	0.400	ng		0.02
13) Acenaphthene-d10	14.613	164	6945	0.400	ng		0.01
19) Phenanthrene-d10	17.365	188	14706	0.400	ng		0.01
29) Chrysene-d12	21.558	240	11593	0.400	ng	#	0.01
35) Perylene-d12	24.008	264	8660	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	2709	0.304	ng		0.01
5) Phenol-d6	7.125	99	3505	0.305	ng		0.02
8) Nitrobenzene-d5	9.132	82	2597	0.262	ng		0.02
11) 2-Methylnaphthalene-d10	12.374	152	7748	0.426	ng		0.02
14) 2,4,6-Tribromophenol	16.111	330	788	0.262	ng		0.01
15) 2-Fluorobiphenyl	13.244	172	7855	0.280	ng		0.02
27) Fluoranthene-d10	19.401	212	15453	0.429	ng		0.01
31) Terphenyl-d14	20.000	244	8765	0.299	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	775	0.193	ng		96
3) n-Nitrosodimethylamine	3.687	42	959m	0.212	ng		
6) bis(2-Chloroethyl)ether	7.385	93	2669	0.221	ng		99
9) Naphthalene	10.829	128	6948	0.199	ng		98
10) Hexachlorobutadiene	11.117	225	1473	0.209	ng	#	99
12) 2-Methylnaphthalene	12.446	142	5199	0.208	ng		99
16) Acenaphthylene	14.335	152	5176	0.185	ng		100
17) Acenaphthene	14.677	154	3875	0.189	ng		97
18) Fluorene	15.671	166	5384	0.195	ng		98
20) 4,6-Dinitro-2-methylph...	15.751	198	265	0.166	ng	#	53
21) 4-Bromophenyl-phenylether	16.558	248	1622	0.193	ng		93
22) Hexachlorobenzene	16.670	284	2195	0.209	ng		100
23) Atrazine	16.831	200	1043	0.180	ng		95
24) Pentachlorophenol	17.017	266	640	0.176	ng		97
25) Phenanthrene	17.402	178	8384	0.195	ng		100
26) Anthracene	17.501	178	6464	0.187	ng		100
28) Fluoranthene	19.431	202	8752	0.180	ng		99
30) Pyrene	19.793	202	8589	0.193	ng		100
32) Benzo(a)anthracene	21.540	228	6894	0.184	ng		98
33) Chrysene	21.594	228	8315	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.468	149	3540	0.202	ng		99
36) Indeno(1,2,3-cd)pyrene	26.572	276	7415	0.191	ng		98
37) Benzo(b)fluoranthene	23.256	252	7898	0.213	ng	#	89
38) Benzo(k)fluoranthene	23.306	252	7117	0.197	ng	#	91
39) Benzo(a)pyrene	23.900	252	6477	0.232	ng	#	81
40) Dibenzo(a,h)anthracene	26.589	278	5853	0.188	ng		93
41) Benzo(g,h,i)perylene	27.358	276	6029	0.190	ng		94

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

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