Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031822\
Data File : BN019011.D
Acq On : 18 Mar 2022 11:51
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 16:26:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 16:26:38 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4615	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	12052	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	7324	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	14317	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	8573	0.400	ng		# 0.00
35) Perylene-d12	23.796	264	5951	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4763	0.461	ng		0.00
5) Phenol-d6	7.009	99	4313	0.398	ng		0.00
8) Nitrobenzene-d5	9.003	82	3170	0.365	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	7899	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1047	0.296	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12576	0.428	ng		-0.01
27) Fluoranthene-d10	19.265	212	16306	0.384	ng		0.00
31) Terphenyl-d14	19.864	244	10044	0.477	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	853	0.150	ng		87
3) n-Nitrosodimethylamine	3.571	42	822	0.124	ng	#	81
6) bis(2-Chloroethyl)ether	7.269	93	1464	0.113	ng		99
9) Naphthalene	10.712	128	4193	0.122	ng		96
10) Hexachlorobutadiene	11.000	225	958	0.114	ng	#	99
12) 2-Methylnaphthalene	12.325	142	2689	0.115	ng		97
16) Acenaphthylene	14.206	152	3468	0.102	ng		99
17) Acenaphthene	14.549	154	2635	0.111	ng		97
18) Fluorene	15.543	166	3157	0.105	ng		97
20) 4,6-Dinitro-2-methylph...	15.639	198	94	0.053	ng	#	1
21) 4-Bromophenyl-phenylether	16.425	248	879	0.097	ng	#	81
22) Hexachlorobenzene	16.548	284	1436	0.123	ng		97
23) Atrazine	16.692	200	650	0.096	ng	#	86
24) Pentachlorophenol	16.897	266	194	0.054	ng		93
25) Phenanthrene	17.277	178	4814	0.108	ng		99
26) Anthracene	17.369	178	3373	0.089	ng		99
28) Fluoranthene	19.295	202	5544	0.106	ng		99
30) Pyrene	19.662	202	5489	0.129	ng		99
32) Benzo(a)anthracene	21.413	228	2437	0.092	ng		96
33) Chrysene	21.458	228	3963	0.111	ng		94
34) Bis(2-ethylhexyl)phtha...	21.333	149	1924	0.110	ng		100
36) Indeno(1,2,3-cd)pyrene	26.267	276	2791m	0.130	ng		
37) Benzo(b)fluoranthene	23.077	252	2331	0.107	ng	#	61
38) Benzo(k)fluoranthene	23.127	252	3207m	0.108	ng		
39) Benzo(a)pyrene	23.697	252	2382m	0.121	ng		
40) Dibenzo(a,h)anthracene	26.302	278	1957m	0.117	ng		
41) Benzo(g,h,i)perylene	27.009	276	2509m	0.119	ng		

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

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