Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031822\
Data File : BN019012.D
Acq On : 18 Mar 2022 12:27
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 16:27:13 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	4971	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	13186	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	8218	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	16500	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	10703	0.400	ng		# 0.00
35) Perylene-d12	23.790	264	7406	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4244	0.381	ng		0.00
5) Phenol-d6	7.016	99	3955	0.339	ng		0.00
8) Nitrobenzene-d5	9.014	82	3115	0.328	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	8066	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1010	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12616	0.383	ng		-0.01
27) Fluoranthene-d10	19.265	212	17785	0.363	ng		0.00
31) Terphenyl-d14	19.864	244	10783	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	1243	0.202	ng		99
3) n-Nitrosodimethylamine	3.579	42	1160	0.162	ng		96
6) bis(2-Chloroethyl)ether	7.269	93	2700	0.194	ng		98
9) Naphthalene	10.711	128	7833	0.209	ng		98
10) Hexachlorobutadiene	11.010	225	1850	0.202	ng	#	99
12) 2-Methylnaphthalene	12.325	142	5154	0.202	ng		98
16) Acenaphthylene	14.206	152	6506	0.171	ng		100
17) Acenaphthene	14.548	154	5032	0.188	ng		97
18) Fluorene	15.543	166	6119	0.182	ng		98
20) 4,6-Dinitro-2-methylph...	15.628	198	185	0.091	ng	#	6
21) 4-Bromophenyl-phenylether	16.425	248	1753	0.168	ng	#	85
22) Hexachlorobenzene	16.548	284	2710	0.202	ng		98
23) Atrazine	16.692	200	1248	0.161	ng		98
24) Pentachlorophenol	16.897	266	332	0.081	ng		96
25) Phenanthrene	17.277	178	9390	0.182	ng		99
26) Anthracene	17.369	178	6787	0.156	ng		99
28) Fluoranthene	19.295	202	11309	0.187	ng		98
30) Pyrene	19.657	202	11169	0.209	ng		99
32) Benzo(a)anthracene	21.404	228	5067	0.154	ng		97
33) Chrysene	21.458	228	8744	0.197	ng		98
34) Bis(2-ethylhexyl)phtha...	21.333	149	3788	0.173	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.249	276	5309m	0.199	ng		
37) Benzo(b)fluoranthene	23.074	252	4791	0.177	ng	#	83
38) Benzo(k)fluoranthene	23.121	252	7190m	0.194	ng		
39) Benzo(a)pyrene	23.688	252	5077	0.207	ng	#	67
40) Dibenzo(a,h)anthracene	26.278	278	3838m	0.184	ng		
41) Benzo(g,h,i)perylene	26.992	276	5140	0.196	ng	#	91

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

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