Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
Data File : BN017506.D
Acq On : 18 Nov 2021 13:24
Operator : CG/JU
Sample : M4068-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2021

Quant Time: Nov 18 13:57:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152	26574	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	113566	0.400	ng		# 0.00
13) Acenaphthene-d10	14.486	164	56665	0.400	ng		-0.01
19) Phenanthrene-d10	17.238	188	100878	0.400	ng		0.00
29) Chrysene-d12	21.420	240	72008	0.400	ng		# 0.00
35) Perylene-d12	23.801	264	46982	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.458	112	21989	0.348	ng		0.00
5) Phenol-d6	7.026	99	24216	0.356	ng		0.00
8) Nitrobenzene-d5	9.014	82	21695	0.308	ng		0.00
11) 2-Methylnaphthalene-d10	12.249	152	61334	0.329	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	4172	0.290	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	78817	0.369	ng		-0.01
27) Fluoranthene-d10	19.268	212	97735	0.324	ng		0.00
31) Terphenyl-d14	19.868	244	70980	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1904	0.163	ng		90
3) n-Nitrosodimethylamine	3.743	42	4174	0.187	ng		89
6) bis(2-Chloroethyl)ether	7.293	93	17391	0.239	ng		94
9) Naphthalene	10.712	128	62674	0.220	ng		100
10) Hexachlorobutadiene	11.016	225	13052	0.219	ng	#	99
12) 2-Methylnaphthalene	12.324	142	40204	0.222	ng		98
16) Acenaphthylene	14.207	152	39918	0.189	ng		100
17) Acenaphthene	14.549	154	32746	0.214	ng		99
18) Fluorene	15.539	166	38421	0.218	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	195	0.152	ng	#	24
21) 4-Bromophenyl-phenylether	16.435	248	11640	0.204	ng	#	68
22) Hexachlorobenzene	16.544	284	14107	0.218	ng		96
23) Atrazine	16.702	200	5884	0.180	ng	#	94
24) Pentachlorophenol	16.885	266	1314	0.167	ng		97
25) Phenanthrene	17.274	178	60767	0.219	ng		100
26) Anthracene	17.372	178	46421	0.202	ng		100
28) Fluoranthene	19.297	202	63259	0.213	ng		99
30) Pyrene	19.660	202	61202	0.237	ng		100
32) Benzo(a)anthracene	21.409	228	41396	0.186	ng		100
33) Chrysene	21.462	228	51129	0.223	ng		99
34) Bis(2-ethylhexyl)phtha...	21.345	149	19470	0.167	ng		98
36) Indeno(1,2,3-cd)pyrene	26.258	276	16041	0.148	ng		96
37) Benzo(b)fluoranthene	23.078	252	37593	0.213	ng	#	96
38) Benzo(k)fluoranthene	23.126	252	34571	0.213	ng	#	95
39) Benzo(a)pyrene	23.694	252	26750	0.195	ng	#	93
40) Dibenzo(a,h)anthracene	26.275	278	10562	0.128	ng	#	84
41) Benzo(g,h,i)perylene	27.001	276	17574	0.172	ng		96

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

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