Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015749.D
Acq On : 01 Aug 2021 00:46
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2021

Quant Time: Aug 02 04:31:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	37796	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	167700	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	87091	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	162153	0.400	ng	0.00
29) Chrysene-d12	21.365	240	148205	0.400	ng	#-0.01
35) Perylene-d12	23.710	264	149335	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	36364	0.358	ng	0.00
5) Phenol-d6	6.951	99	42072	0.342	ng	0.00
8) Nitrobenzene-d5	8.937	82	33035	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	110964	0.439	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	10223	0.272	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	114237	0.343	ng	-0.01
27) Fluoranthene-d10	19.207	212	179701	0.421	ng	0.00
31) Terphenyl-d14	19.813	244	120544	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3292	0.253	ng	# 97
3) n-Nitrosodimethylamine	3.733	42	4532	0.180	ng	# 98
6) bis(2-Chloroethyl)ether	7.218	93	23115	0.230	ng	100
9) Naphthalene	10.622	128	94563	0.216	ng	100
10) Hexachlorobutadiene	10.914	225	16418	0.214	ng	# 100
12) 2-Methylnaphthalene	12.238	142	61676	0.217	ng	100
16) Acenaphthylene	14.129	152	68733	0.180	ng	100
17) Acenaphthene	14.484	154	50334	0.202	ng	99
18) Fluorene	15.474	166	59412	0.196	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	1071	0.086	ng	# 79
21) 4-Bromophenyl-phenylether	16.360	248	18356	0.194	ng	# 72
22) Hexachlorobenzene	16.482	284	22057	0.211	ng	99
23) Atrazine	16.628	200	13546	0.187	ng	# 91
24) Pentachlorophenol	16.823	266	9691	0.247	ng	100
25) Phenanthrene	17.212	178	96094	0.207	ng	99
26) Anthracene	17.297	178	78875	0.188	ng	100
28) Fluoranthene	19.237	202	100563	0.203	ng	100
30) Pyrene	19.599	202	97441	0.197	ng	100
32) Benzo(a)anthracene	21.355	228	87075	0.185	ng	98
33) Chrysene	21.408	228	98703	0.206	ng	97
34) Bis(2-ethylhexyl)phtha...	21.302	149	28681	0.114	ng	99
36) Indeno(1,2,3-cd)pyrene	26.113	276	107637	0.201	ng	99
37) Benzo(b)fluoranthene	23.002	252	98906	0.206	ng	100
38) Benzo(k)fluoranthene	23.050	252	107940	0.209	ng	98
39) Benzo(a)pyrene	23.608	252	84205	0.192	ng	99
40) Dibenzo(a,h)anthracene	26.134	278	91204	0.201	ng	97
41) Benzo(g,h,i)perylene	26.846	276	91926	0.196	ng	99

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

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