Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015772.D
Acq On : 03 Aug 2021 17:16
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:27 PM

Quant Time: Aug 03 17:55:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 17:53:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	36963	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	163863	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	83165	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	155115	0.400	ng		0.00
29) Chrysene-d12	21.376	240	135795	0.400	ng	#	0.01
35) Perylene-d12	23.714	264	131423	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	28904	0.320	ng		0.00
5) Phenol-d6	6.951	99	33743	0.309	ng		0.00
8) Nitrobenzene-d5	8.936	82	27649	0.263	ng		0.01
11) 2-Methylnaphthalene-d10	12.163	152	101511	0.412	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	7624	0.253	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	99362	0.300	ng		0.00
27) Fluoranthene-d10	19.207	212	161156	0.399	ng		0.00
31) Terphenyl-d14	19.812	244	102165	0.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2037	0.170	ng		98
3) n-Nitrosodimethylamine	3.733	42	4249	0.173	ng		100
6) bis(2-Chloroethyl)ether	7.218	93	21620	0.218	ng		99
9) Naphthalene	10.622	128	88416	0.206	ng		100
10) Hexachlorobutadiene	10.914	225	15013	0.200	ng	#	99
12) 2-Methylnaphthalene	12.234	142	57450	0.208	ng		99
16) Acenaphthylene	14.129	152	60144	0.175	ng		100
17) Acenaphthene	14.472	154	46558	0.195	ng		99
18) Fluorene	15.461	166	55342	0.193	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	827	0.088	ng	#	82
21) 4-Bromophenyl-phenylether	16.360	248	16952	0.186	ng		99
22) Hexachlorobenzene	16.470	284	20714	0.198	ng		100
23) Atrazine	16.628	200	9414	0.168	ng		98
24) Pentachlorophenol	16.811	266	3569	0.110	ng		98
25) Phenanthrene	17.200	178	90095	0.195	ng		99
26) Anthracene	17.297	178	70696	0.182	ng		100
28) Fluoranthene	19.237	202	92482	0.193	ng		100
30) Pyrene	19.599	202	88157	0.194	ng		100
32) Benzo(a)anthracene	21.355	228	76147	0.183	ng		100
33) Chrysene	21.408	228	87426	0.195	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	22333	0.134	ng		100
36) Indeno(1,2,3-cd)pyrene	26.113	276	84339	0.181	ng		98
37) Benzo(b)fluoranthene	23.005	252	83650	0.183	ng		99
38) Benzo(k)fluoranthene	23.050	252	94372m	0.200	ng		
39) Benzo(a)pyrene	23.611	252	67709	0.178	ng		99
40) Dibenzo(a,h)anthracene	26.134	278	69998	0.180	ng	#	95
41) Benzo(g,h,i)perylene	26.842	276	74187	0.182	ng		99

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

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