Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015796.D
Acq On : 04 Aug 2021 16:40
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:46 PM

Quant Time: Aug 04 17:13:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	36124	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	162321	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	83378	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	156928	0.400	ng	0.00
29) Chrysene-d12	21.376	240	134640	0.400	ng	# 0.01
35) Perylene-d12	23.710	264	125581	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	32951	0.373	ng	0.00
5) Phenol-d6	6.951	99	38609	0.362	ng	0.00
8) Nitrobenzene-d5	8.924	82	32848	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	77371	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8487	0.281	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	105386	0.317	ng	0.00
27) Fluoranthene-d10	19.202	212	126094	0.309	ng	0.00
31) Terphenyl-d14	19.813	244	111858	0.336	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	822	0.070	ng	# 87
3) n-Nitrosodimethylamine	3.733	42	1660	0.069	ng	# 91
6) bis(2-Chloroethyl)ether	7.218	93	10262	0.106	ng	99
9) Naphthalene	10.609	128	43011	0.101	ng	99
10) Hexachlorobutadiene	10.914	225	7309	0.098	ng	# 99
12) 2-Methylnaphthalene	12.234	142	27964	0.102	ng	99
16) Acenaphthylene	14.129	152	29248	0.085	ng	100
17) Acenaphthene	14.472	154	22740	0.095	ng	99
18) Fluorene	15.461	166	26603	0.093	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	235	0.090	ng	# 22
21) 4-Bromophenyl-phenylether	16.360	248	8267	0.090	ng	93
22) Hexachlorobenzene	16.470	284	10138	0.096	ng	100
23) Atrazine	16.628	200	4855	0.086	ng	97
24) Pentachlorophenol	16.811	266	1471	0.045	ng	98
25) Phenanthrene	17.200	178	44363	0.095	ng	99
26) Anthracene	17.297	178	35002	0.089	ng	100
28) Fluoranthene	19.232	202	45996	0.095	ng	100
30) Pyrene	19.599	202	44428	0.099	ng	100
32) Benzo(a)anthracene	21.355	228	38432	0.093	ng	100
33) Chrysene	21.408	228	43143	0.097	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	13717	0.307	ng	100
36) Indeno(1,2,3-cd)pyrene	26.110	276	35092	0.079	ng	97
37) Benzo(b)fluoranthene	23.002	252	43088	0.099	ng	97
38) Benzo(k)fluoranthene	23.050	252	44138m	0.098	ng	
39) Benzo(a)pyrene	23.604	252	34027	0.094	ng	95
40) Dibenzo(a,h)anthracene	26.127	278	27695	0.074	ng	# 87
41) Benzo(g,h,i)perylene	26.842	276	32131	0.083	ng	98

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

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