Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015797.D
Acq On : 04 Aug 2021 17:17
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:48 PM

Quant Time: Aug 04 18:01:49 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	41801	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	184689	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	93028	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	174099	0.400	ng		0.00
29) Chrysene-d12	21.366	240	150004	0.400	ng		0.00
35) Perylene-d12	23.710	264	144523	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.393	112	29406	0.288	ng		0.00
5) Phenol-d6	6.951	99	34438	0.279	ng		0.00
8) Nitrobenzene-d5	8.924	82	32318	0.272	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	103833	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	7773	0.230	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	98518	0.266	ng		0.00
27) Fluoranthene-d10	19.202	212	165107	0.365	ng		0.00
31) Terphenyl-d14	19.808	244	102655	0.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	3115m	0.230	ng		
3) n-Nitrosodimethylamine	3.724	42	4891	0.176	ng	#	96
6) bis(2-Chloroethyl)ether	7.218	93	24185	0.216	ng		100
9) Naphthalene	10.610	128	98622	0.204	ng		99
10) Hexachlorobutadiene	10.914	225	16837	0.199	ng	#	99
12) 2-Methylnaphthalene	12.234	142	63439	0.204	ng		99
16) Acenaphthylene	14.129	152	69825	0.182	ng		100
17) Acenaphthene	14.472	154	51730	0.193	ng		99
18) Fluorene	15.461	166	60924	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	569	0.123	ng	#	65
21) 4-Bromophenyl-phenylether	16.360	248	18671	0.182	ng		91
22) Hexachlorobenzene	16.470	284	22835	0.194	ng		100
23) Atrazine	16.628	200	11035	0.175	ng		96
24) Pentachlorophenol	16.811	266	5440	0.150	ng		99
25) Phenanthrene	17.200	178	99760	0.193	ng		99
26) Anthracene	17.298	178	80435	0.185	ng		100
28) Fluoranthene	19.232	202	103078	0.191	ng		99
30) Pyrene	19.599	202	99250	0.198	ng		100
32) Benzo(a)anthracene	21.355	228	84344	0.184	ng		100
33) Chrysene	21.408	228	97696	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	27678	0.348	ng		100
36) Indeno(1,2,3-cd)pyrene	26.110	276	86737	0.169	ng		98
37) Benzo(b)fluoranthene	23.002	252	92977	0.185	ng		99
38) Benzo(k)fluoranthene	23.050	252	102815m	0.198	ng		
39) Benzo(a)pyrene	23.608	252	76967	0.184	ng		99
40) Dibenzo(a,h)anthracene	26.130	278	69738	0.163	ng	#	93
41) Benzo(g,h,i)perylene	26.839	276	77235	0.173	ng		100

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

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