Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015777.D
Acq On : 03 Aug 2021 20:19
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:37 PM

Quant Time: Aug 04 02:15:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37951	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	169331	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	87808	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	165424	0.400	ng		0.00
29) Chrysene-d12	21.366	240	146489	0.400	ng	#	0.00
35) Perylene-d12	23.707	264	145415	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.393	112	29723	0.320	ng		0.00
5) Phenol-d6	6.951	99	34732	0.310	ng		0.00
8) Nitrobenzene-d5	8.937	82	28730	0.264	ng		0.01
11) 2-Methylnaphthalene-d10	12.158	152	104777	0.412	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8237	0.259	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	103066	0.294	ng		0.00
27) Fluoranthene-d10	19.202	212	171141	0.398	ng		0.00
31) Terphenyl-d14	19.813	244	109057	0.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2109	0.172	ng		99
3) n-Nitrosodimethylamine	3.724	42	4620	0.183	ng	#	99
6) bis(2-Chloroethyl)ether	7.218	93	23604	0.232	ng		99
9) Naphthalene	10.622	128	97445	0.220	ng		100
10) Hexachlorobutadiene	10.914	225	16622	0.215	ng	#	99
12) 2-Methylnaphthalene	12.234	142	63769	0.223	ng		100
16) Acenaphthylene	14.129	152	69007	0.191	ng		100
17) Acenaphthene	14.472	154	52449	0.208	ng		99
18) Fluorene	15.461	166	62172	0.206	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	806	0.080	ng	#	82
21) 4-Bromophenyl-phenylether	16.360	248	19475	0.200	ng		94
22) Hexachlorobenzene	16.470	284	23307	0.209	ng		100
23) Atrazine	16.628	200	11499	0.192	ng		96
24) Pentachlorophenol	16.811	266	5860	0.170	ng		99
25) Phenanthrene	17.200	178	103269	0.210	ng		100
26) Anthracene	17.298	178	81757	0.198	ng		100
28) Fluoranthene	19.232	202	106700	0.208	ng		100
30) Pyrene	19.599	202	103016	0.211	ng		100
32) Benzo(a)anthracene	21.355	228	87572	0.196	ng		99
33) Chrysene	21.408	228	102133	0.211	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	27592	0.154	ng		100
36) Indeno(1,2,3-cd)pyrene	26.106	276	104190	0.202	ng		96
37) Benzo(b)fluoranthene	22.998	252	99819	0.198	ng		99
38) Benzo(k)fluoranthene	23.046	252	112790m	0.216	ng		
39) Benzo(a)pyrene	23.604	252	83728	0.199	ng		99
40) Dibenzo(a,h)anthracene	26.127	278	86393	0.200	ng	#	89
41) Benzo(g,h,i)perylene	26.836	276	88964	0.198	ng		99

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

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