Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015782.D
Acq On : 03 Aug 2021 23:22
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:54 PM

Quant Time: Aug 04 02:17:31 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	38610	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	172394	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	88051	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	167497	0.400	ng		0.00
29) Chrysene-d12	21.365	240	148366	0.400	ng		0.00
35) Perylene-d12	23.707	264	144342	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	30288	0.321	ng		0.00
5) Phenol-d6	6.951	99	35264	0.309	ng		0.00
8) Nitrobenzene-d5	8.924	82	28902	0.261	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	105558	0.408	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8148	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	103574	0.295	ng		0.00
27) Fluoranthene-d10	19.202	212	173948	0.399	ng		0.00
31) Terphenyl-d14	19.807	244	111454	0.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2336	0.187	ng		99
3) n-Nitrosodimethylamine	3.724	42	4778	0.186	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	23887	0.231	ng		99
9) Naphthalene	10.622	128	98586	0.218	ng		100
10) Hexachlorobutadiene	10.914	225	16869	0.214	ng	#	99
12) 2-Methylnaphthalene	12.234	142	64291	0.221	ng		100
16) Acenaphthylene	14.129	152	69429	0.191	ng		100
17) Acenaphthene	14.472	154	53036	0.209	ng		100
18) Fluorene	15.461	166	63053	0.208	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	819	0.081	ng	#	76
21) 4-Bromophenyl-phenylether	16.360	248	19449	0.198	ng		94
22) Hexachlorobenzene	16.470	284	23576	0.208	ng		100
23) Atrazine	16.628	200	11579	0.191	ng		97
24) Pentachlorophenol	16.811	266	5862	0.168	ng		99
25) Phenanthrene	17.200	178	103387	0.208	ng		99
26) Anthracene	17.297	178	83070	0.198	ng		100
28) Fluoranthene	19.232	202	108196	0.209	ng		100
30) Pyrene	19.599	202	105264	0.213	ng		100
32) Benzo(a)anthracene	21.355	228	89227	0.197	ng		99
33) Chrysene	21.408	228	103201	0.210	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	28216	0.155	ng		100
36) Indeno(1,2,3-cd)pyrene	26.106	276	100386	0.196	ng		97
37) Benzo(b)fluoranthene	22.998	252	99552	0.199	ng		99
38) Benzo(k)fluoranthene	23.046	252	111828m	0.215	ng		
39) Benzo(a)pyrene	23.604	252	82883	0.199	ng		99
40) Dibenzo(a,h)anthracene	26.123	278	83180	0.194	ng	#	92
41) Benzo(g,h,i)perylene	26.835	276	86838	0.194	ng		99

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

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