Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014470.D
Acq On : 28 Apr 2021 13:31
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-0.2PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:06 PM

Quant Time: Apr 28 14:02:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 13:14:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.660	152	6771	0.40	ng		-0.02
7) Naphthalene-d8	10.442	136	24254	0.40	ng		# 0.00
13) Acenaphthene-d10	14.295	164	12335	0.40	ng		-0.01
19) Phenanthrene-d10	17.043	188	25954	0.40	ng		#-0.01
29) Chrysene-d12	21.250	240	24356	0.40	ng		0.00
35) Perylene-d12	23.472	264	20428	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.268	112	5774	0.45	ng		0.00
5) Phenol-d6	6.831	99	6711	0.43	ng		0.00
8) Nitrobenzene-d5	8.807	82	7680	0.47	ng		-0.01
11) 2-Methylnaphthalene-d10	12.035	152	12474	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.793	330	1388	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	20905	0.45	ng		0.00
27) Fluoranthene-d10	19.089	212	22259	0.31	ng		0.00
31) Terphenyl-d14	19.695	244	22032	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	1513	0.20	ng		91
3) n-Nitrosodimethylamine	3.601	42	710	0.19	ng	#	87
6) bis(2-Chloroethyl)ether	7.096	93	3781	0.23	ng		100
9) Naphthalene	10.492	128	12891	0.22	ng		99
10) Hexachlorobutadiene	10.784	225	2663	0.23	ng	#	99
12) 2-Methylnaphthalene	12.106	142	8290	0.21	ng		97
16) Acenaphthylene	14.016	152	10425	0.22	ng		100
17) Acenaphthene	14.359	154	6929	0.20	ng		97
18) Fluorene	15.349	166	8469	0.20	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	312	0.14	ng	#	7
21) 4-Bromophenyl-phenylether	16.252	248	2859	0.21	ng		96
22) Hexachlorobenzene	16.362	284	4196	0.24	ng		99
23) Atrazine	16.520	200	1319	0.15	ng		98
24) Pentachlorophenol	16.702	266	552m	0.15	ng		
25) Phenanthrene	17.092	178	14974	0.21	ng		100
26) Anthracene	17.177	178	10985	0.19	ng		100
28) Fluoranthene	19.119	202	15062	0.19	ng		99
30) Pyrene	19.481	202	14376	0.20	ng		100
32) Benzo(a)anthracene	21.239	228	12446	0.19	ng		99
33) Chrysene	21.292	228	15901	0.22	ng		96
34) Bis(2-ethylhexyl)phtha...	21.176	149	4495	0.16	ng		97
36) Indeno(1,2,3-cd)pyrene	25.694	276	15594	0.20	ng		100
37) Benzo(b)fluoranthene	22.808	252	14290	0.20	ng		97
38) Benzo(k)fluoranthene	22.853	252	15998	0.21	ng		95
39) Benzo(a)pyrene	23.376	252	13382	0.20	ng		96
40) Dibenzo(a,h)anthracene	25.714	278	12713	0.19	ng		97
41) Benzo(g,h,i)perylene	26.375	276	14569	0.21	ng		98

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

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