Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014469.D
Acq On : 28 Apr 2021 12:28
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-0.1PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:03 PM

Quant Time: Apr 28 13:14:15 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	7.668	152	5099	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	18122	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	9107	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	18622	0.40	ng		0.00
29) Chrysene-d12	21.250	240	16306	0.40	ng		0.00
35) Perylene-d12	23.469	264	14231	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.268	112	4790	0.50	ng		0.00
5) Phenol-d6	6.839	99	5420	0.46	ng		0.00
8) Nitrobenzene-d5	8.807	82	6021m	0.50	ng		-0.01
11) 2-Methylnaphthalene-d10	12.040	152	10798	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1066	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.925	172	17693	0.52	ng		0.00
27) Fluoranthene-d10	19.089	212	18648	0.37	ng		0.00
31) Terphenyl-d14	19.695	244	17749	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	721	0.13	ng	#	83
3) n-Nitrosodimethylamine	3.593	42	106	0.04	ng	#	1
6) bis(2-Chloroethyl)ether	7.104	93	1495	0.12	ng		99
9) Naphthalene	10.492	128	5391	0.12	ng		96
10) Hexachlorobutadiene	10.784	225	1110	0.13	ng	#	99
12) 2-Methylnaphthalene	12.111	142	3380	0.11	ng		95
16) Acenaphthylene	14.016	152	4187	0.12	ng		98
17) Acenaphthene	14.371	154	2777	0.11	ng		97
18) Fluorene	15.361	166	3365	0.11	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	136m	0.08	ng		
21) 4-Bromophenyl-phenylether	16.252	248	1098	0.11	ng		96
22) Hexachlorobenzene	16.362	284	1670	0.13	ng		98
23) Atrazine	16.520	200	537	0.09	ng	#	91
24) Pentachlorophenol	16.715	266	142	0.06	ng		93
25) Phenanthrene	17.092	178	5968	0.12	ng		99
26) Anthracene	17.177	178	4230	0.10	ng		99
28) Fluoranthene	19.119	202	5926	0.10	ng		100
30) Pyrene	19.481	202	5669	0.12	ng		99
32) Benzo(a)anthracene	21.229	228	4737	0.11	ng		97
33) Chrysene	21.282	228	5758	0.12	ng		98
34) Bis(2-ethylhexyl)phtha...	21.176	149	2004	0.11	ng		100
36) Indeno(1,2,3-cd)pyrene	25.697	276	5773	0.11	ng		99
37) Benzo(b)fluoranthene	22.805	252	5744	0.11	ng	#	79
38) Benzo(k)fluoranthene	22.849	252	5906	0.11	ng	#	78
39) Benzo(a)pyrene	23.373	252	5282	0.12	ng	#	70
40) Dibenzo(a,h)anthracene	25.711	278	4623	0.10	ng	#	85
41) Benzo(g,h,i)perylene	26.375	276	5611	0.12	ng		93

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

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