Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015733.D
Acq On : 31 Jul 2021 13:11
Operator : CG/JU
Sample : M2262-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:35 PM

Quant Time: Aug 02 04:26:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	34821	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	156901	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	83259	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	158921	0.400	ng		0.00
29) Chrysene-d12	21.376	240	146839	0.400	ng		0.00
35) Perylene-d12	23.717	264	148704	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	27789	0.297	ng		0.00
5) Phenol-d6	6.951	99	31712	0.280	ng		0.00
8) Nitrobenzene-d5	8.937	82	28515	0.289	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	94531	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.918	330	8033	0.223	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	101452	0.318	ng		-0.01
27) Fluoranthene-d10	19.207	212	158854	0.379	ng		0.00
31) Terphenyl-d14	19.818	244	111540	0.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1200	0.100	ng		86
3) n-Nitrosodimethylamine	3.733	42	1581	0.068	ng	#	96
6) bis(2-Chloroethyl)ether	7.218	93	9546	0.103	ng		99
9) Naphthalene	10.622	128	40212	0.098	ng		100
10) Hexachlorobutadiene	10.914	225	6914	0.096	ng	#	99
12) 2-Methylnaphthalene	12.238	142	26187	0.099	ng		100
16) Acenaphthylene	14.129	152	29425	0.080	ng		99
17) Acenaphthene	14.484	154	21367	0.090	ng		99
18) Fluorene	15.474	166	25810	0.089	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	440	0.036	ng	#	45
21) 4-Bromophenyl-phenylether	16.360	248	8089	0.087	ng	#	66
22) Hexachlorobenzene	16.482	284	9589	0.094	ng		99
23) Atrazine	16.640	200	6798	0.096	ng		98
24) Pentachlorophenol	16.823	266	2947	0.077	ng		100
25) Phenanthrene	17.212	178	41791	0.092	ng		99
26) Anthracene	17.298	178	33998	0.083	ng		100
28) Fluoranthene	19.237	202	44206	0.091	ng		99
30) Pyrene	19.604	202	42194	0.086	ng		100
32) Benzo(a)anthracene	21.355	228	37337	0.080	ng		99
33) Chrysene	21.408	228	41739	0.088	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	12687	0.051	ng		99
36) Indeno(1,2,3-cd)pyrene	26.120	276	45707	0.086	ng		98
37) Benzo(b)fluoranthene	23.009	252	42155	0.088	ng		98
38) Benzo(k)fluoranthene	23.057	252	46377m	0.090	ng		
39) Benzo(a)pyrene	23.615	252	36147	0.083	ng		95
40) Dibenzo(a,h)anthracene	26.141	278	38933	0.086	ng	#	91
41) Benzo(g,h,i)perylene	26.853	276	40011	0.086	ng		99

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

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