Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015736.D
Acq On : 31 Jul 2021 15:38
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:42 PM

Quant Time: Aug 02 04:27:44 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	35072	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	156541	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	83498	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	158455	0.400	ng		0.00
29) Chrysene-d12	21.376	240	148647	0.400	ng		0.00
35) Perylene-d12	23.717	264	153375	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	32889	0.349	ng		0.00
5) Phenol-d6	6.950	99	37941	0.333	ng		0.00
8) Nitrobenzene-d5	8.936	82	29475	0.300	ng		0.00
11) 2-Methylnaphthalene-d10	12.162	152	100729	0.427	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9926	0.275	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	102929	0.322	ng		-0.01
27) Fluoranthene-d10	19.207	212	169024	0.405	ng		0.00
31) Terphenyl-d14	19.817	244	114411	0.316	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	2355m	0.195	ng		
3) n-Nitrosodimethylamine	3.723	42	4039	0.173	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	20500	0.220	ng		99
9) Naphthalene	10.622	128	84868	0.208	ng		100
10) Hexachlorobutadiene	10.913	225	14661	0.204	ng	#	99
12) 2-Methylnaphthalene	12.238	142	55710	0.210	ng		99
16) Acenaphthylene	14.129	152	63659	0.174	ng		100
17) Acenaphthene	14.484	154	45598	0.191	ng		99
18) Fluorene	15.474	166	55588	0.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	1041	0.085	ng	#	79
21) 4-Bromophenyl-phenylether	16.360	248	17388	0.188	ng	#	72
22) Hexachlorobenzene	16.482	284	20614	0.202	ng		99
23) Atrazine	16.640	200	13062	0.185	ng		98
24) Pentachlorophenol	16.822	266	6572	0.171	ng		100
25) Phenanthrene	17.212	178	88663	0.195	ng		99
26) Anthracene	17.297	178	73960	0.180	ng		100
28) Fluoranthene	19.236	202	93606	0.193	ng		100
30) Pyrene	19.604	202	92721	0.187	ng		100
32) Benzo(a)anthracene	21.355	228	84592	0.179	ng		100
33) Chrysene	21.408	228	91385	0.190	ng		100
34) Bis(2-ethylhexyl)phtha...	21.301	149	30033	0.119	ng		100
36) Indeno(1,2,3-cd)pyrene	26.120	276	106502	0.193	ng		98
37) Benzo(b)fluoranthene	23.008	252	95404	0.193	ng		100
38) Benzo(k)fluoranthene	23.056	252	105120	0.198	ng		97
39) Benzo(a)pyrene	23.614	252	83569	0.186	ng		99
40) Dibenzo(a,h)anthracene	26.140	278	90838	0.195	ng	#	94
41) Benzo(g,h,i)perylene	26.849	276	90371	0.188	ng		100

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

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