Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015735.D
Acq On : 31 Jul 2021 15:02
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:40 PM

Quant Time: Aug 02 04:27:26 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	36372	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	163508	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	87279	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	170275	0.400	ng	0.00
29) Chrysene-d12	21.376	240	158114	0.400	ng	# 0.00
35) Perylene-d12	23.717	264	166068	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	28580	0.293	ng	0.00
5) Phenol-d6	6.951	99	32932	0.279	ng	0.00
8) Nitrobenzene-d5	8.936	82	29810	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	98814	0.401	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8569	0.227	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	107267	0.321	ng	-0.01
27) Fluoranthene-d10	19.207	212	169806	0.378	ng	0.00
31) Terphenyl-d14	19.817	244	119990	0.312	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1099	0.088	ng	# 76
3) n-Nitrosodimethylamine	3.742	42	1614	0.067	ng	# 96
6) bis(2-Chloroethyl)ether	7.218	93	10012	0.104	ng	99
9) Naphthalene	10.622	128	42013	0.099	ng	100
10) Hexachlorobutadiene	10.913	225	7253	0.097	ng	# 100
12) 2-Methylnaphthalene	12.238	142	27455	0.099	ng	100
16) Acenaphthylene	14.129	152	30564	0.080	ng	100
17) Acenaphthene	14.484	154	22417	0.090	ng	99
18) Fluorene	15.474	166	27013	0.089	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	432	0.033	ng	# 51
21) 4-Bromophenyl-phenylether	16.360	248	8573	0.086	ng	# 70
22) Hexachlorobenzene	16.482	284	10249	0.093	ng	99
23) Atrazine	16.640	200	7177	0.095	ng	98
24) Pentachlorophenol	16.823	266	3122	0.076	ng	99
25) Phenanthrene	17.212	178	44361	0.091	ng	96
26) Anthracene	17.297	178	36549	0.083	ng	100
28) Fluoranthene	19.237	202	47322	0.091	ng	100
30) Pyrene	19.604	202	45232	0.086	ng	100
32) Benzo(a)anthracene	21.355	228	40434	0.080	ng	100
33) Chrysene	21.408	228	44940	0.088	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	13995	0.052	ng	100
36) Indeno(1,2,3-cd)pyrene	26.120	276	52060	0.087	ng	95
37) Benzo(b)fluoranthene	23.009	252	45981	0.086	ng	98
38) Benzo(k)fluoranthene	23.056	252	52610m	0.091	ng	
39) Benzo(a)pyrene	23.614	252	40432	0.083	ng	96
40) Dibenzo(a,h)anthracene	26.140	278	44448	0.088	ng	# 82
41) Benzo(g,h,i)perylene	26.852	276	44539	0.086	ng	99

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

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