Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015746.D
Acq On : 31 Jul 2021 22:56
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:59 PM

Quant Time: Aug 02 04:30:15 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	36361	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	162789	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	85116	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	161524	0.400	ng	0.00
29) Chrysene-d12	21.376	240	145868	0.400	ng	# 0.00
35) Perylene-d12	23.714	264	148700	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	28938	0.296	ng	0.00
5) Phenol-d6	6.951	99	33241	0.281	ng	0.00
8) Nitrobenzene-d5	8.937	82	30553	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	101360	0.413	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	7830	0.213	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	108113	0.332	ng	-0.01
27) Fluoranthene-d10	19.207	212	164842	0.387	ng	0.00
31) Terphenyl-d14	19.813	244	115436	0.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1332	0.107	ng	# 94
3) n-Nitrosodimethylamine	3.742	42	1640	0.068	ng	98
6) bis(2-Chloroethyl)ether	7.218	93	10415	0.108	ng	100
9) Naphthalene	10.622	128	43732	0.103	ng	100
10) Hexachlorobutadiene	10.914	225	7378	0.099	ng	# 99
12) 2-Methylnaphthalene	12.238	142	28340	0.103	ng	100
16) Acenaphthylene	14.129	152	29721	0.079	ng	100
17) Acenaphthene	14.485	154	22715	0.093	ng	99
18) Fluorene	15.474	166	26615	0.090	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	458	0.037	ng	# 52
21) 4-Bromophenyl-phenylether	16.360	248	8462	0.090	ng	# 67
22) Hexachlorobenzene	16.482	284	10091	0.097	ng	100
23) Atrazine	16.640	200	6740	0.094	ng	96
24) Pentachlorophenol	16.823	266	8861	0.227	ng	100
25) Phenanthrene	17.212	178	44215	0.096	ng	99
26) Anthracene	17.298	178	34630	0.083	ng	100
28) Fluoranthene	19.237	202	46190	0.093	ng	100
30) Pyrene	19.599	202	43184	0.089	ng	100
32) Benzo(a)anthracene	21.355	228	38349	0.083	ng	99
33) Chrysene	21.408	228	42229	0.089	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	12812	0.052	ng	100
36) Indeno(1,2,3-cd)pyrene	26.113	276	46800	0.088	ng	97
37) Benzo(b)fluoranthene	23.005	252	42403	0.089	ng	98
38) Benzo(k)fluoranthene	23.050	252	48816m	0.095	ng	
39) Benzo(a)pyrene	23.608	252	36730	0.084	ng	96
40) Dibenzo(a,h)anthracene	26.137	278	39608	0.088	ng	# 90
41) Benzo(g,h,i)perylene	26.846	276	40811	0.088	ng	99

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

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